Andersen

Genuine White Pine
Window and Door
FRAMES

Catalog Number 300
Detailed information
for Draughting Room and
Specification writers

Ready to file catalog
Please number and file
AMERICAN INSTITUTE
OF ARCHITECTS FILE
Number
19 e 13

WHITE PINE
Andersen
FRAMES

File No. ....
FRAMES WINDOW *and* DOOR
GENUINE WHITE PINE

ANDERSEN LUMBER CO.
Bayport,
MINNESOTA

Dealer ....
Address ....
Phone ....

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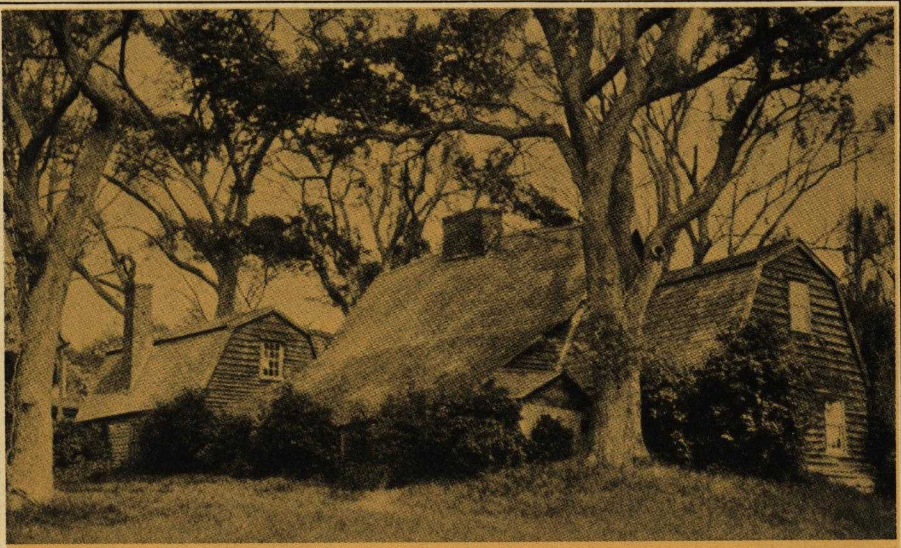
ANDERSEN FRAMES



Built in 1636 at Dedham, Massachusetts, the Fairbanks Home is the nation's oldest standing home—a wonderful example of the permanence of White Pine. The exposed parts of Andersen Frames are of this same enduring wood.

ANDERSEN LUMBER COMPANY
BAYPORT - MINNESOTA

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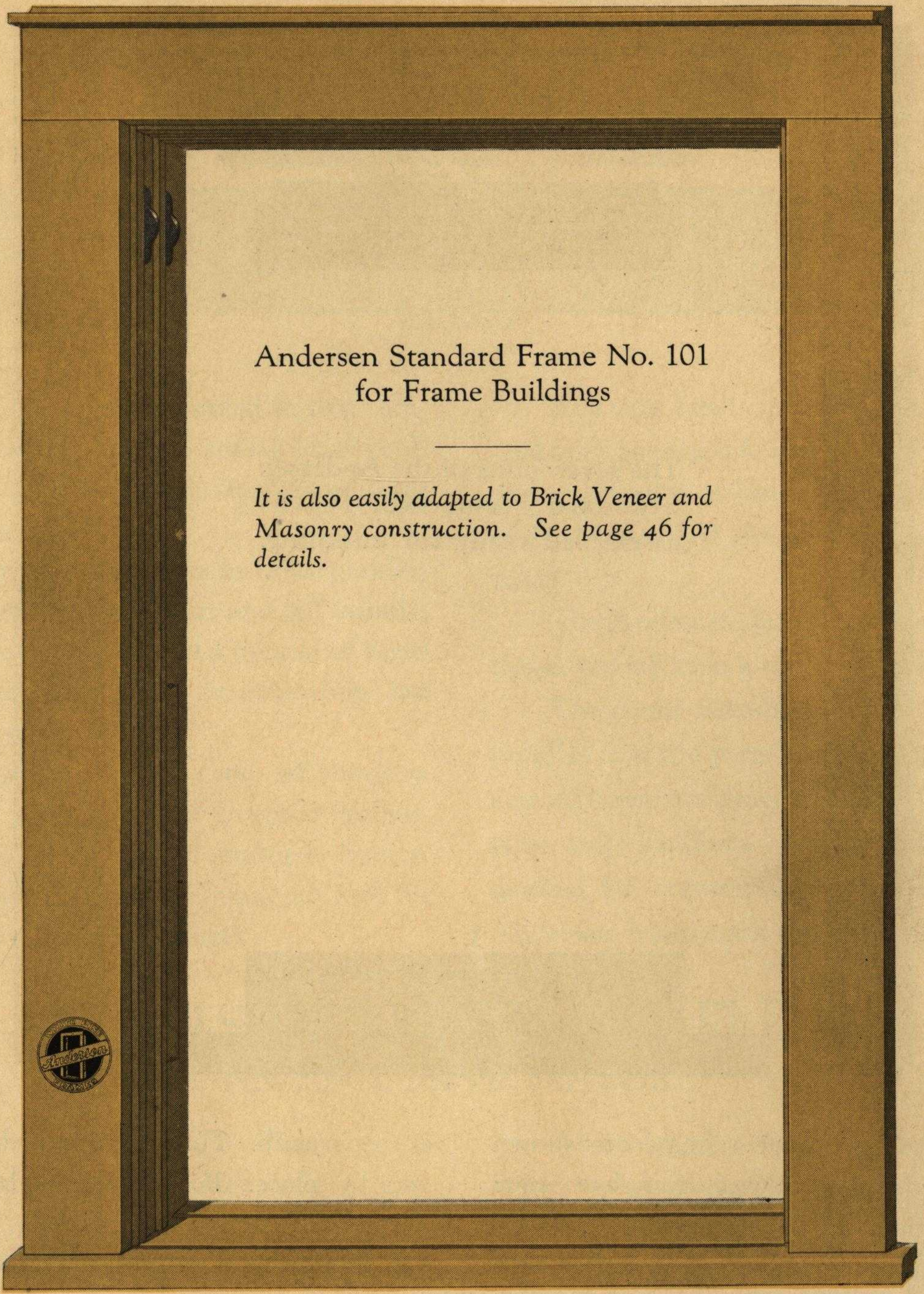
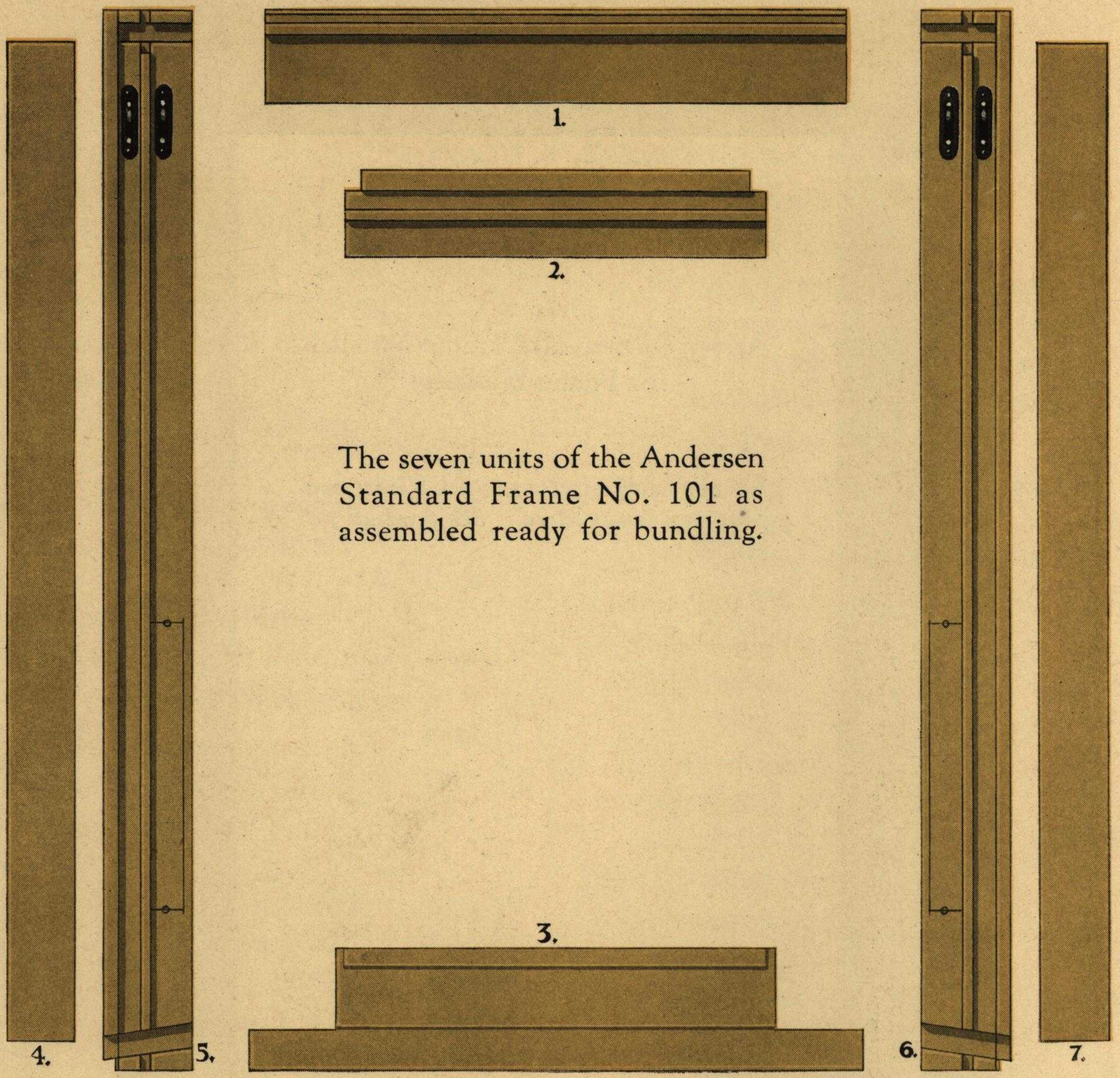


Andersen Standard Frame No. 101
for Frame Buildings

It is also easily adapted to Brick Veneer and Masonry construction. See page 46 for details.

ALL Andersen Frames are made of clear pine. Only Genuine Soft White Pine is used for all exposed parts to insure permanence against the effects of time and the elements. The pulley stiles are of Pondosa Pine which has a hard surface and withstands the frictional wear that these frame parts receive.

The Andersen Frame is a product of twenty years of specialization in the manufacture of window and door frames. Standardization and large quantity production makes possible the highest quality in materials and workmanship at a low cost. Architects and builders prefer Andersen Frames because of the many distinctive features not found in other frames. Patents are pending on some of these features.



The seven units of the Andersen Standard Frame No. 101 as assembled ready for bundling.

THE 57 usual parts of a frame are shown above reduced to seven complete units ready for erection.

(1) Head casing and drip cap nailed into one unit.

(2) Head jamb complete with parting bead and blind stop accurately nailed in place.

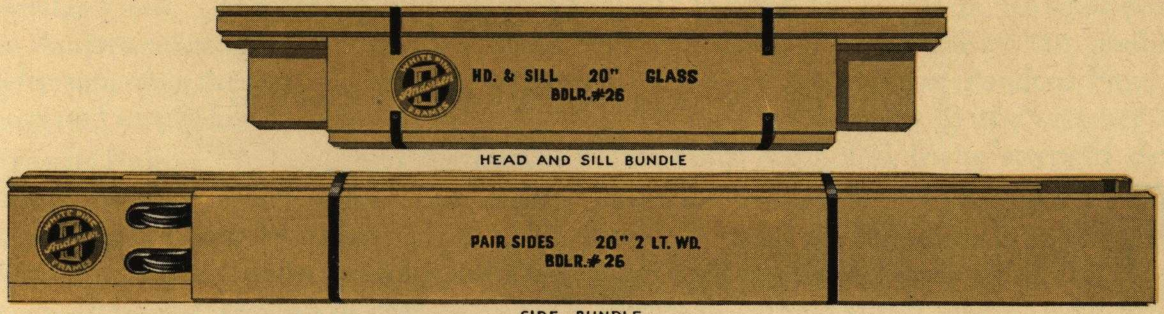
(3) Sill cut to exact length.

(4) and (7) Side casings cut to exact length and beveled to fit sill pitch.

(5) and (6) Jambs with blind stops nailed in place, fitted parting beads in position, accurately dadoed to fit sill and head jamb. Pulleys are furnished screwed in place. Pockets are cut, broken out and refastened with screws.

Andersen Frames are erected with the greatest degree of speed and accuracy. All parts are rabbeted, beveled and dadoed to fit accurately and snugly in place. Blind stops are marked by a patented method to show where casings should be set. *No trimming or refitting of parts is necessary.*

Using only a hammer and nineteen nails, one man can completely erect the seven units in less than ten minutes.



HEAD AND SILL BUNDLE

SIDE BUNDLE

THE seven units are assembled in two compact bundles. The head casing, head jamb and sill are in one and the side casings and jamb members in the other.

The mullion frame comes in three bundles—the full length mullion head and sill bundle, the mullion center bundle and a bundle of regular sides. The triple frame is packed in the same way in four bundles.

Long length head jamb and sill stock is also furnished to be used with regular mullion and side bundles for special multiple frames. Odd sized frames can thus be made up with all the distinctive Andersen features.

Any size head and sill member may be used with any size side member. From the Andersen stock sizes of heads and sills and stock sizes of sides over 300 different frame sizes can be made.

The Andersen dealer can thus give exceptional service from a comparatively small stock.

The frame members are so nested in the bundles that the parts that are exposed on the erected frame are protected from injury in shipping and handling. Each bundle is plainly marked for content and size and carries the Andersen trade mark for identification.

ANDERSEN NOISELESS PULLEY

AN EXCLUSIVE FEATURE

SIZE: The face is 1″x 4⅝″. The wheel is 2″ in diameter. Both are made of cast iron.

Finish: The wheel and face are polished and the entire pulley is lacquered.

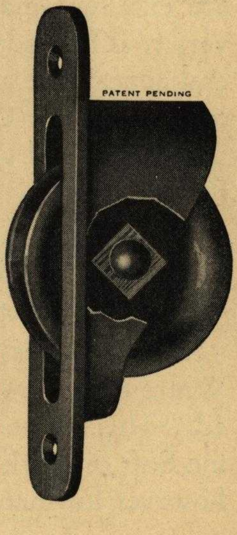
Axle: The axle is ¼″ steel.

Axle bearing: The axle bearing is of special white maple which is permanently oil saturated.

The *noiseless, wear proof* pulley axle bearing is an *exclusive Andersen feature* and is used in Andersen double hung window frames only. A patent is pending on this special feature.

Thorough laboratory tests over a long period of time have demonstrated the superiority of this pulley over those with plain steel axle or even with ball bearings.

After machine operation tests that are equivalent to 100 years of average sash operation, the pulleys show no wear and remain *absolutely noiseless*—they seem ready for another 100.



MATERIALS

USED IN ANDERSEN FRAMES

ALL exposed parts of Andersen Frames are of Genuine White Pine. There is little accurate knowledge as to just what *Genuine* White Pine is. It seems opportune therefore to include certain technical data on woods.

General Classifications of Pine

Pine is divided into two general groups, *Soft or White Pine and Hard or Yellow Pine.* These are marketed commercially under various trade names. Each variety has its distinct use and selection should be made carefully based upon the individual characteristics.

White Pine is assumed to apply only to the original white pine used in early Colonial and Pioneer homes which have stood 300 years or more under the most trying circumstances of neglect. They are wonderful examples of the *permanence* of *good wood.*

Faulty and misleading nomenclature has made it *dangerous* to specify simply "White Pine" when the best in wood durability is required.

Western White Pine, Oregon White Pine, California White Pine and other so called white pines are of the *Hard or Yellow Pine* group. They are excellent materials when used where this variety is best adapted. They often pass in general appearance and degree of hardness for *Soft or White Pine.* Only recently have they begun to be marketed under the trade name of *Pondosa Pine.*

Genuine White Pine is of the *Soft* or *White* Pine group and is sometimes called Cork Pine or Pumpkin Pine.

The impression has grown that the Soft or White Pine growth of timber has been consumed. This is true in many localities. The Genuine Soft or Cork White Pine will be obtainable however for many years to come in large quantities and in the finest grades. Large stands exist in many parts of the United States, especially in California where the Sugar Pine abounds.

Genuine White Pine

Characteristics:—Genuine Soft White Pine is *slow growing* with a *minimum of sap wood* and a *maximum of heart wood.* The trees are large and yield a high percentage of clear stock free from knots, sap and other defects. The uniformly *even texture* and *softness of fibre* makes it extremely workable. It combines *strength with light weight.* It endures for years *without cracking, shrinking, warping or swelling.* It *resists decay* to an unbelievable degree and holds paint better than any other wood.

Soft White Pine Markets:—The Andersen Lumber Company obtains Genuine White Pine from the following sources:

(1) Sugar Pine (Pinus Lambertiana) from California.
(2) Western Idaho White Pine (Pinus Monticola) from Idaho.
(3) Eastern White Pine (Pinus Strobus) from Minnesota and Wisconsin.

The characteristics of these three varieties are practically identical. All have the five needle leaf cluster.

Technical note No. 215 issued by the Forest Products Laboratory, United States Forest Service, Department of Agriculture at Madison, Wisconsin, states:

"Of the dozen or so botanical species of true white pines grown in the United States, three are of outstanding importance in the lumber industry. They are, Eastern White Pine (Pinus Strobus), Western (Idaho) White Pine (Pinus Monticola) and Sugar Pine (Pinus Lambertiana).

"There is no absolutely positive means of identifying the three white pines one from another, microscopically."

Grades Used: The Genuine White Pine used in Andersen Frames is virtually *clear* stock. (No defects marring the durability or appearance are contained in the finished frame stock.)

Frame Parts: All parts of Andersen Frames are made of *Genuine* White Pine except the pulley stiles, head jambs and parting beads of double hung window frames and the door sills where these are specified in oak.

Hard or Yellow Pine

Characteristics: Hard or Yellow Pine is *quick growing* with *more sap wood* and consequently *less heart wood.* It often contains pitch pockets. It generally has a harder, stronger fibre than Soft White Pine but when *exposed to the weather* it is *much less durable* and does not hold paint as well.

Hard Pine Markets: The Andersen Lumber Company obtains hard or yellow Pondosa Pine (Pinus Ponderosa) for unexposed parts of its products from Idaho, Washington, Oregon and California.

Grade Used: The Pondosa Pine used in Andersen Frames is virtually *clear* stock.

Frame Parts: The pulley stiles, head jambs and parting beads of all of the double hung Andersen Frames are of Pondosa Pine. These are parts *not* exposed to the weather and the frictional wear and frame strength demand a harder and stronger wood fibre than Soft White Pine.

White Oak

Characteristics: A hard wood of straight, close, hard fibre that is well suited for hard abrasive wear. White Oak is one of the most decay resisting woods of all the commercial hard woods.

White Oak Markets: The Andersen Lumber Company obtains the White Oak for its products from the states east of the Rocky Mountains where it grows on the higher altitudes. No White Oak growing in the lowlands or swamps is purchased.

Grade Used: The White Oak used in the Andersen Door Frames is *clear* grade, plain sawed.

Frame Parts: Exterior door sills where so specified are of White Oak.

ECONOMY

IN ANDERSEN FRAME PRODUCTION

TODAY it is an accepted economic fact that standardization coupled with specialized quantity production creates a uniform product of the highest quality in materials and workmanship at a low cost.

The Andersen Lumber Company makes but *one product*—superior quality window and door frames. This company has specialized in frames since it started in 1905. Andersen standard frames fit standard stock sash and doors.

The average output of the Andersen Lumber Company is 3,500 frames daily. This is an increase of *133 per cent* over the production in 1920, indicating the growing appreciation and demand for Andersen Frames. Today there are over 5,000,000 in use.

Plant Efficiency

The plant, which is all on one floor, is so arranged that the rough dry lumber is unloaded under cover and stays under cover during the entire manufacture. The operations advance systematically and continuously forward until the finished frames, neatly bundled, reach the shipping warehouse. Outgoing cars are loaded inside the warehouse so that no injury to the frames or delays in shipping can occur because of inclement weather.

The plant is equipped with the most modern machinery, designed to do the highest class of *smooth and accurate milling.* Every operation is performed by machinery. Many machine units are provided with special devices (patents pending) which enable them to do several operations with one handling.

The frame parts assembled in the mill are accurately nailed in position by machinery. Pulley stile pockets and pulleys are screwed—not hammered—in place with blued screws by special machines.

The highly skilled mill operatives are trained and experienced in this specialized production. Labor turnover is practically negligible due to the excellent working conditions. Complete supervision and inspection is rigidly maintained by trained inspectors, foremen and superintendents.

By-Products Eliminate Waste

An economical grade of rough lumber (No. 1, 2 and 3 Shop, Factory Grades) is purchased for raw stock. How, then, is the finished product of virtually clear stock? *There is practically no waste.* All knots and defects are cut out of the raw stock in the manufacturing process in such a way that even the shortest clear cuttings are utilized.

A ready market is waiting to absorb everything not used in the frames. Small cuttings are converted into screen moulding and stock for veneered door cores, pine sash, toys, shade rollers, shade slats and silk spindles. The shavings are baled and sold to other industries. Even the knots and defective pieces are sold as kindling.

That is why the Andersen Frame is a clear pine frame. And that is why a frame of such excellent material can be sold at such a low price.

Economy in Handling

So far as is practical all frame parts are assembled at the mill to reduce labor in the distributor's erection shop or on the job. Since the parts of similar frame designs are interchangeable, *300 different sizes can be made up from Andersen stock sizes.* Frames are shipped knocked down for easy, compact and inexpensive shipping and warehousing.

ANDERSEN FRAMES

SATISFY THE MOST EXACTING ARCHITECT

GREAT care has been exercised in producing Andersen Frames so that they will *meet the most rigid specifications* as to design, materials and workmanship and yet fulfill the widest possible use. They are adaptable for almost every type of home from the simple, inexpensive cottage to the costly mansion. The most exacting architect will find that the Andersen Frame meets his requirements. Many special features on which patents are pending can be obtained *only* in Andersen Frames. See Page 10.

Made for Permanence

Every part of Andersen Frames is particularly designed for strength and rigidity and to permanently prevent the leakage of air or water into the building. Each joint of the frame construction is accurately close fitting and watertight to prevent decay.

Shipped Unprimed for Inspection

Andersen Frames are shipped without priming paint so that all materials and workmanship may be examined. Any distributor will gladly pick a frame at random from stock for inspection. A uniform product is guaranteed.

Better than Custom Made Frames

Andersen Standard Frames are better than expensive, special designed custom made frames milled from special details. *Clear Genuine White Pine* lumber as used in Andersen Frames can not be used for special mill work without great waste.

Machines used interchangeably for a variety of mill products in different woods can not economically produce the quality and accuracy of workmanship or the smooth finish that can be produced with special machines used for but *one product made in one wood.*

Speed of manufacture, which is the great economy of specialized quantity production, is lost when machines and operators work at a variety of operations.

Individual Designs Possible

The design of Andersen Frames is such that by adding a minimum of special features, individual architectural design may be incorporated without loss of economy or the fine materials and workmanship built into the working parts of the frame.

Outside casings and mouldings, staff beads and minor design elements may be revised and the unattached Genuine White Pine members utilized as stock. New parts may be added without great cost.

See suggestions to meet special construction requirements on page 47.

TYPES AND SIZES CARRIED BY DEALERS

Andersen Frames are distributed nationally. For Andersen stock sizes see page 12. However, every type and size is not carried by the local distributor in every district. Local custom and demand govern the supply. The dealer can only profitably stock those types or designs and those sizes most used in his particular territory.

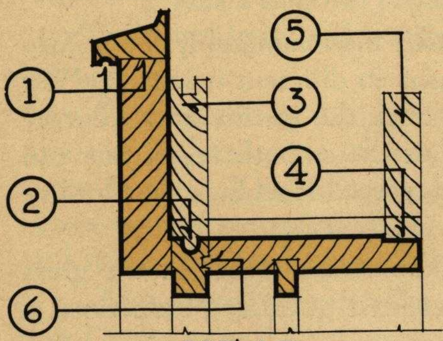
Before detailing or specifying Andersen Frames check the stock carried locally with your nearest dealer. We will furnish his name upon request.

SPECIAL FEATURES

DOUBLE HUNG WINDOW AND DOOR FRAMES

Scale—Three Inches Equal One Foot

DOUBLE HUNG WINDOW FRAME FOR FRAME CONSTRUCTION



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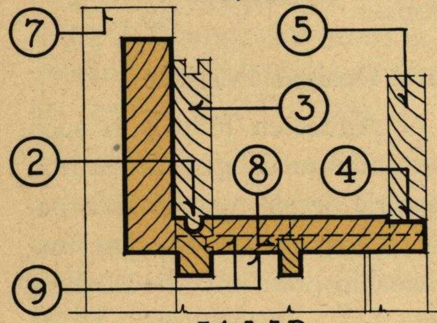

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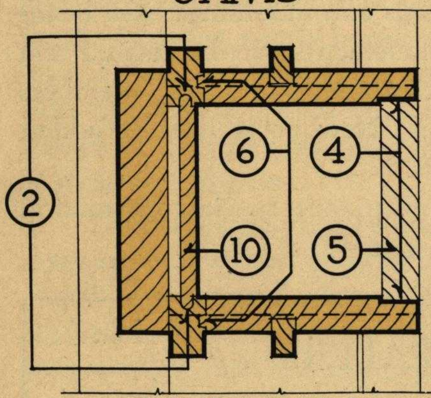
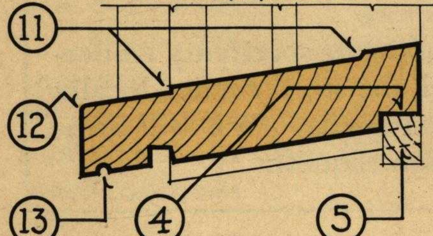


MULLION



SILL

Note carefully the following distinctive features. Many of them are found only in Andersen Frames. The parts colored in the drawings are Andersen Frame members.

(1) Rabbet and water drip in head casing cap prevent water leakage.

(2) Groove (Patent Pending) to receive (3) a piece of stock matched lumber forming a wide blind stop to prevent air leakage. This groove also makes it possible to convert this standard frame to a brick veneer or masonry box frame. See page 46.

(4) Rabbet to receive (5) an inside ground casing to prevent air leakage. Or this rabbet forms a shoulder for lath or wall board.

(6) Jamb is tongued into blind stop to prevent air and water leakage.

(7) Sill ends are trimmed and smooth cut.

(8) Groove for parting stop is shallower than dado for sill (9) to prevent water leakage.

(10) Double tongued filler piece is furnished to make continuous blind stop. *Mullion jambs are dadoed into full length sill and head jamb.*

(11) Shoulders on sill prevent air and water leakage under lower sash and storm sash. (See page 15 for subsill construction).

(12) Front edge of sills is rounded to prevent slivering and denting.

(13) Water drip groove under sill.

---

(14) Rabbet to receive (15) a wind stop. This is especially desirable when used with steel lintels.

(16) Extra heavy (1⅜″) head jamb.

(17) Rabbet for flush plaster in 8 inch wall construction. Allows use of narrow standard trim.

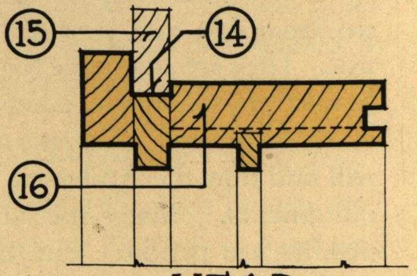
(18) Rabbeted water drip groove provides a caulking rabbet for elastic cement if desired.

(19) Mortar caulking groove assists in preventing air leakage under sill.

(20) Rabbet for rough flooring.

(21) Rabbet for finished flooring.

DOUBLE HUNG WINDOW FRAME FOR MASONRY CONSTRUCTION



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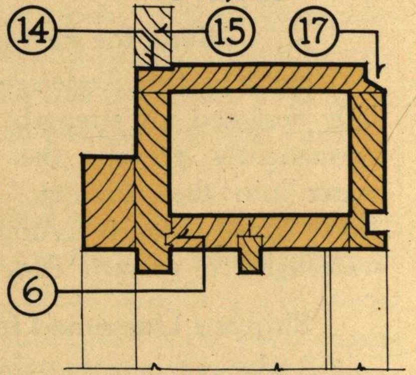

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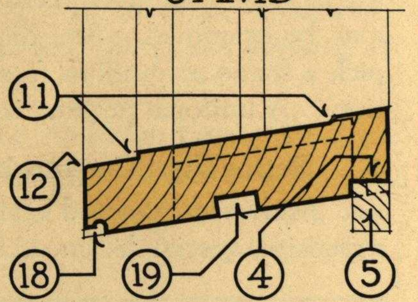
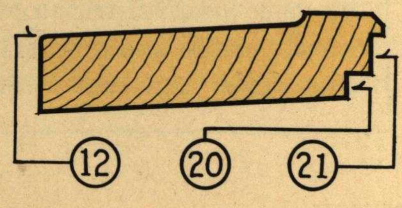


SILL

OAK THRESHOLD DOOR SILL

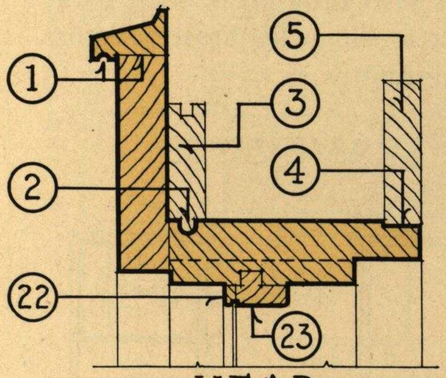


SPECIAL FEATURES

COMBINED INSWINGING AND OUTSWINGING CASEMENT FRAME

(*Patent Pending*)

ADAPTED FOR INSWINGING SASH



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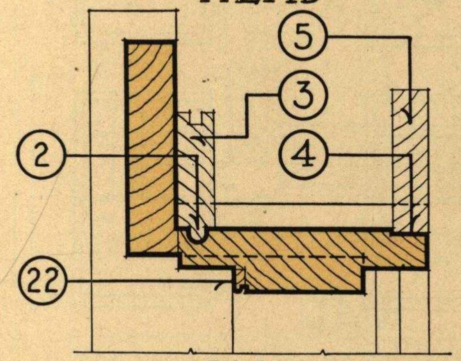

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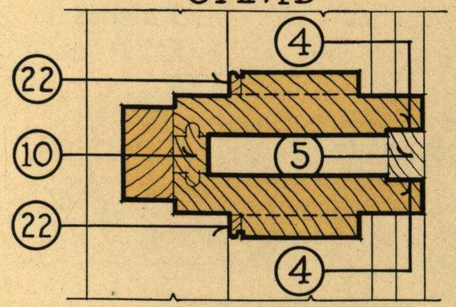
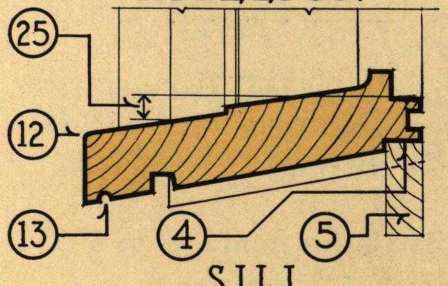


MULLION



SILL

The combined casement frame is convertible to either inswinging or outswinging sash using the same frame members for both types. This obviates the necessity of carrying in stock both inswinging and outswinging casement frames.

The inswinging sash opening is the same as the outswinging. The width between jambs is the same and the sash heights are the same from head jamb to sill measuring points. By using (23) a plowed in stop to form the outer rabbet in head jamb the normal difference in height due to the sill slope is equalized. The distance at (25) is ½ inch which is the depth of the head jamb rabbet for inswinging sash.

Rabbets in head and side jambs are 1⅜″ wide. The ¼″ bead (22) is added to either rabbet to reduce to 1⅛″ for screens or storm sash. (For top hung exterior storm sash and screens with inswinging casements use ordinary loose pin mortise butt hinges or Stanley No. 1714 hanger or equivalent. For fixed exterior storm sash and screens use Stanley No. 15 angle couplings or equivalent.)

Frames are stocked arranged for inswinging sash. Auxiliary sill (24) is used only when frame is to be adapted for outswinging sash and forms a shoulder for the bottom rail and a flat sill top for attaching standard casement adjusters. This sill is furnished either fitted or in long lengths.

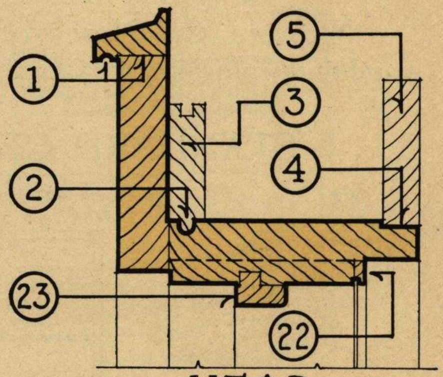
Bead (22) is tacked in outside rabbet. This bead is readily applied to the inner rabbet when converting frame to outswinging style.

By ripping down the outside casing or substituting staff beads, the frame is adapted to brick veneer or masonry construction.

When casements in pairs are desired it is recommended that single sash closing against a dividing mullion be used as it is difficult to make rabbeted meeting stiles weather tight.

(*See opposite page for description of all numbered parts not mentioned here.*)

ADAPTED FOR OUTSWINGING SASH



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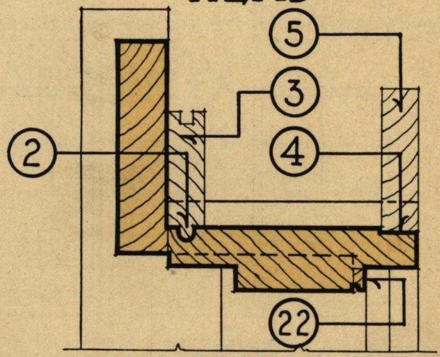

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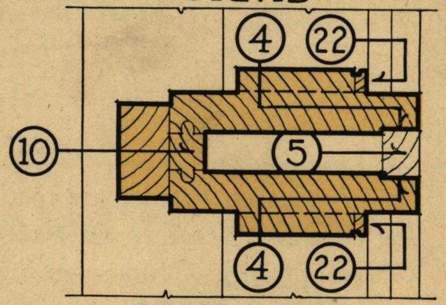
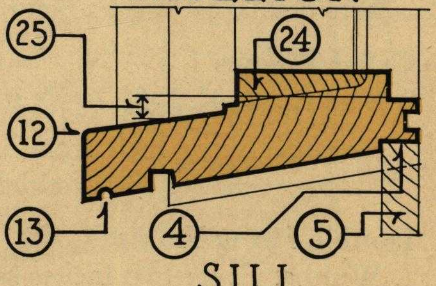


MULLION



SILL

FRAME SIZES

AVAILABLE IN ANDERSEN STANDARD FRAMES

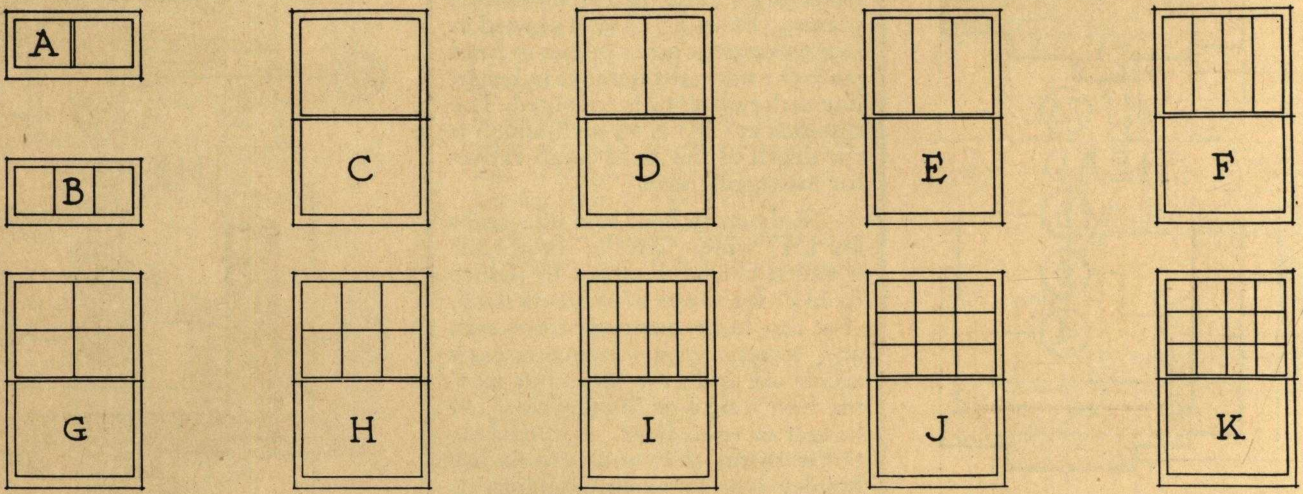
STANDARDIZED window frames are made in sizes to carry standard stock windows. Window opening sizes are derived from stock glass sizes.

Western and New York standardized window opening sizes are identical. Ohio widths for double hung windows are one-half inch greater than Western standards. The height is the same.

Where upper sash only is cut into small lights, the glass size for single light sash governs. (No allowance for muntins)

STANDARD CELLAR AND DOUBLE HUNG FRAME SIZES

For height measuring points see detail drawings



TYPE		WESTERN WIDTHS	OHIO WIDTHS	HEIGHT
A	Total Glass Plus	5 inches	4½ inches	5 inches
B	" " "	4 "	4½ "	5 "
C to K	" " "	4 "	4½ "	6 "

Western or New York Opening Sizes Available

Andersen Frames are made in the following sizes for Western or New York openings. Corresponding Ohio opening sizes are also made. Be sure to check your dealer's stock to ascertain what he carries before specifying.

Cellar Frames

Widths: 2′-4″, 2′-5″, 2′-7″, 2′-9″, 2′-10″, 3′-4″.

Heights: Every inch from 1′-2″ to 2′-1″ inclusive and in addition 2′-5″.

Double Hung Frames

Widths: Every two inches from 1′-4″ to 4′-0″ inclusive and in addition 2′-1″, 2′-5″, 2′-7″ and 2′-9″.

Heights: Every four inches from 2′-6″ to 6′-6″ inclusive and in addition 3′-0″ and 4′-0″.

Casement and Stationary Sash Frames

Widths: Every two inches from 1′-4″ to 4′-0″ inclusive.

Heights: Every two inches from 1′-9″ to 2′-11″ inclusive and every four inches from 3′-2″ to 5′-10″ inclusive.

Door Frames

Widths: Every two inches from 2′-6″ to 3′-0″ inclusive.

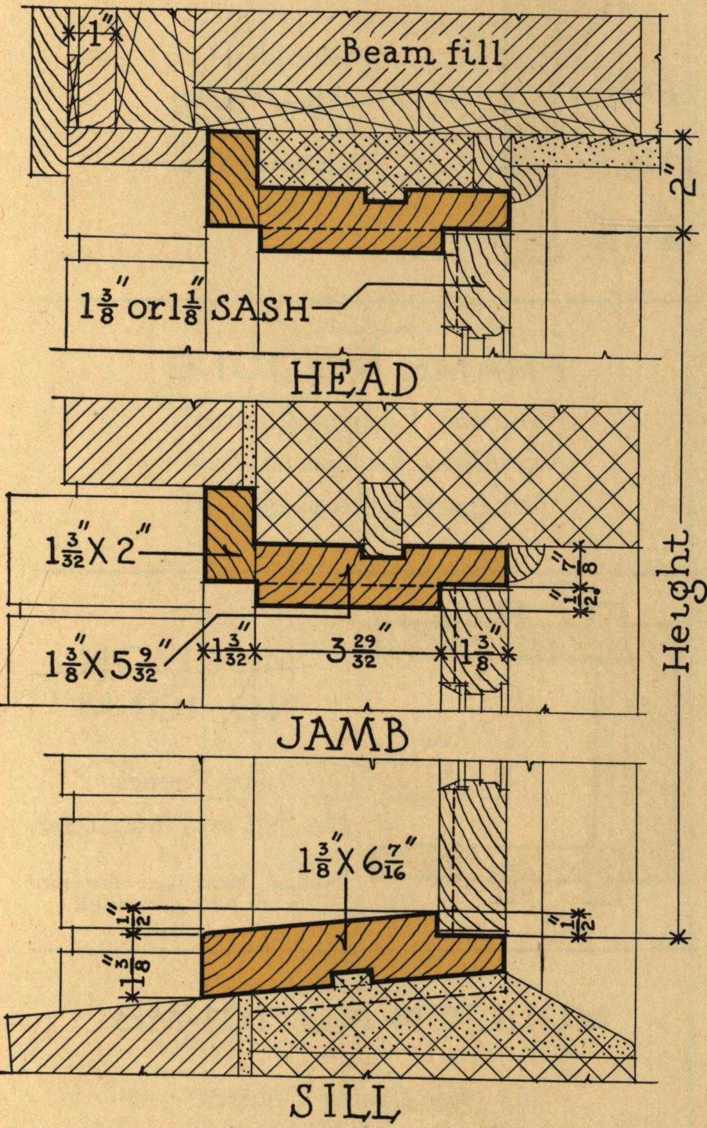
Heights: Every two inches from 6′-6″ to 7′-0″ inclusive.

CELLAR FRAMES

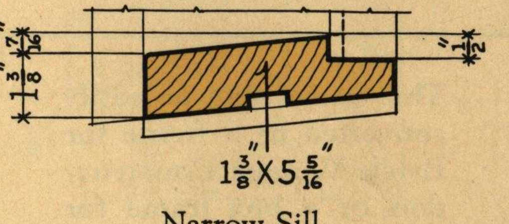
FOR BRICK, CONCRETE OR TILE WALLS

Scale—Three Inches Equal One Foot

FRAME NO. 51

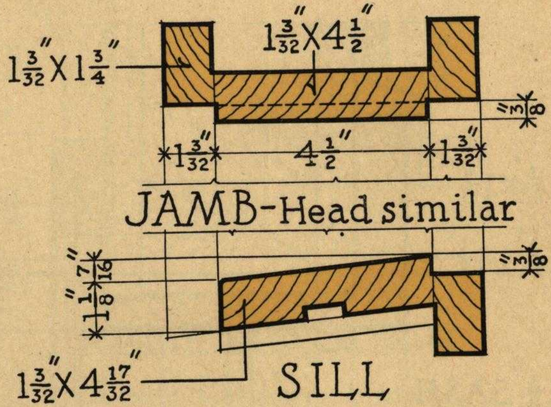


FRAME NO. 52

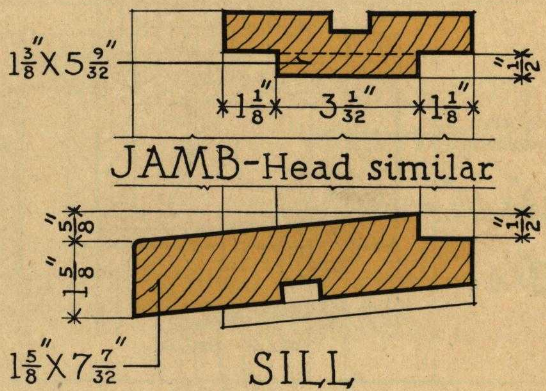


Narrow Sill
Otherwise Same as No. 51.

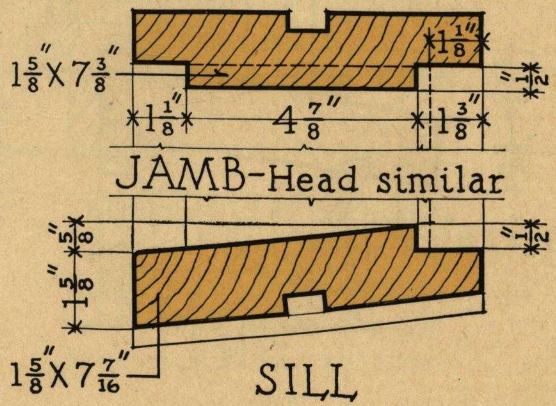
FRAME NO. 53



FRAME NO. 54



FRAME NO. 55



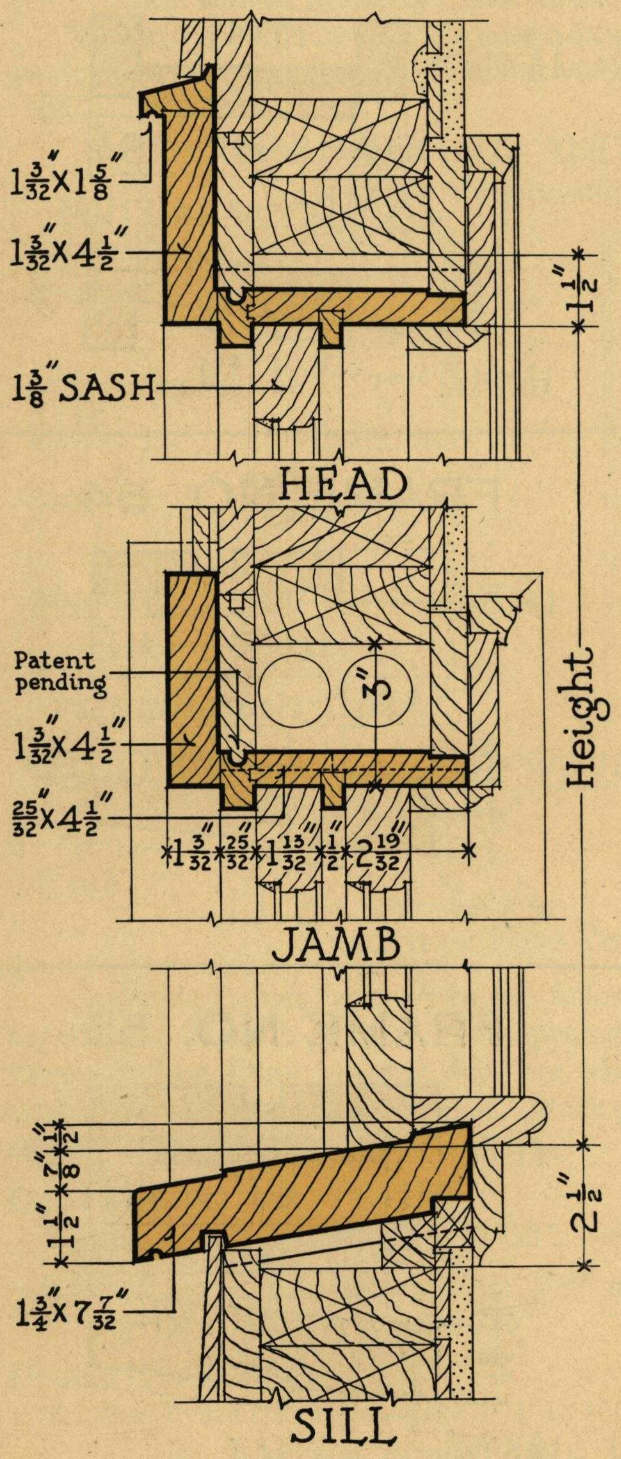
For frame sizes see pages 9 and 12

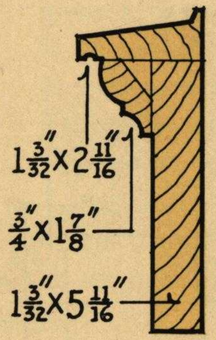
DOUBLE HUNG WINDOW FRAMES

FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 101





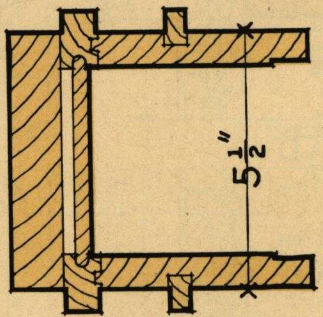
FRAME NO. 101-A

Moulded Cap
Head Casing

Otherwise Same as
No. 101

FRAME NO. 101-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 101



MULLION NO. 101-M

For Frames
No. 101 and No. 101-A

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 101-MB

Outside Casing Omitted
For Frame No. 101-B
Otherwise Same as No. 101-M

This frame may be easily converted to a frame for Brick Veneer Construction or a box frame for Masonry Construction

(See Page 46)

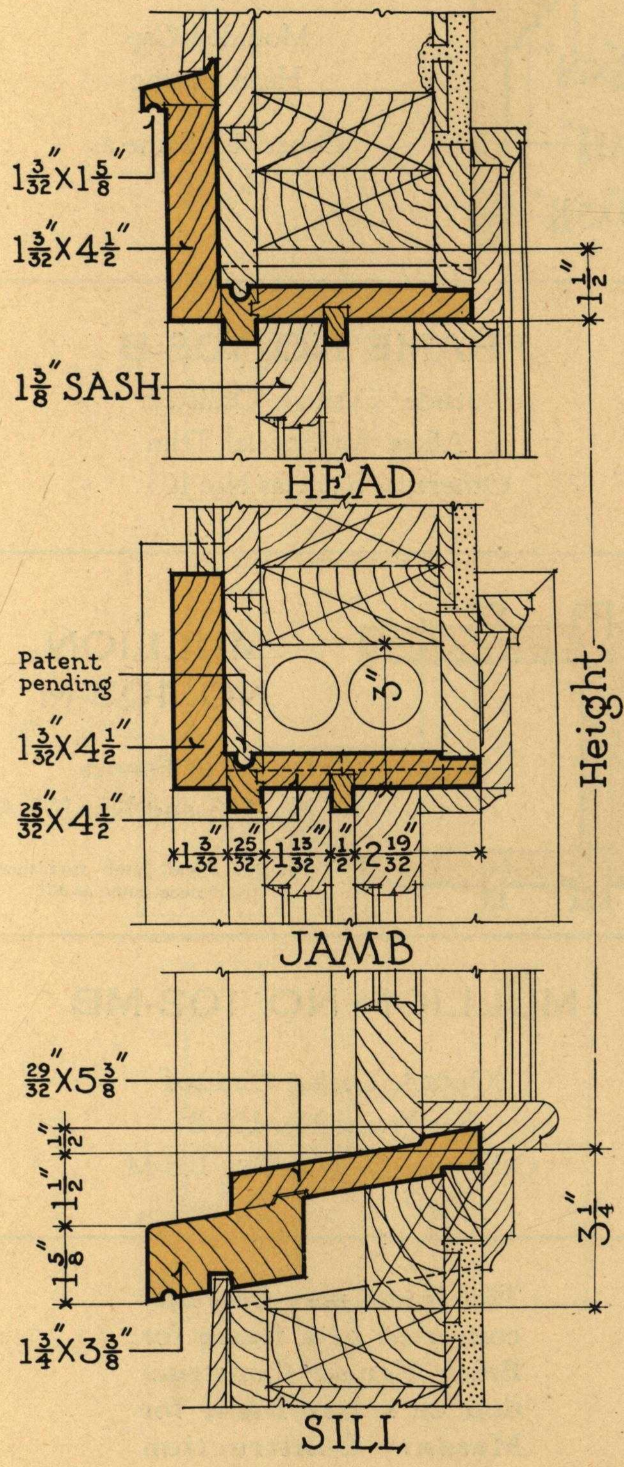
For frame sizes see pages 9 and 12

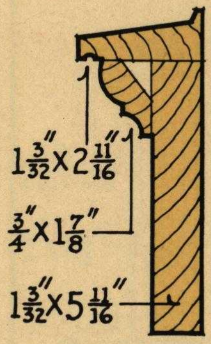
DOUBLE HUNG WINDOW FRAMES

FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 102





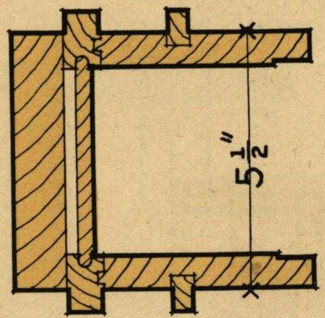
FRAME NO. 102-A

Moulded Cap
Head Casing

Otherwise Same as
No. 102

FRAME NO. 102-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 102



MULLION NO. 101-M

For Frames
No. 102 and No. 102-A

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 101-MB

Outside Casing Omitted
For Frame No. 102-B
Otherwise Same as No. 101-M

This frame may be easily converted to a frame for Brick Veneer Construction or a box frame for Masonry Construction

(See Page 46)

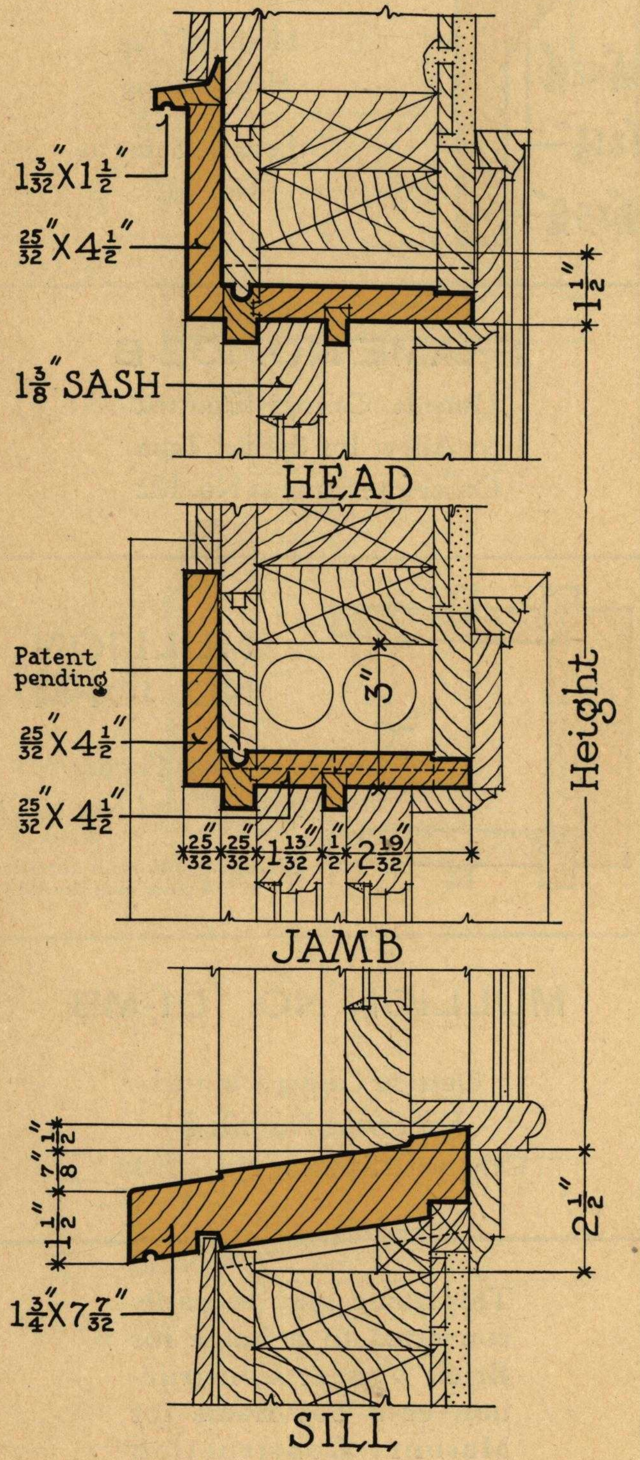
For frame sizes see pages 9 and 12

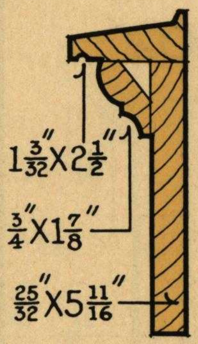
DOUBLE HUNG WINDOW FRAMES

FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 103





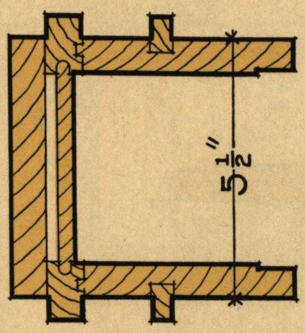
FRAME NO. 103-A

Moulded Cap
Head Casing

Otherwise Same as
No. 103

FRAME NO. 103-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 103



MULLION
NO. 103-M

For Frames
No. 103 and No. 103-A

(Mullion Head Jamb furnished
in one piece same as sill.)

MULLION NO. 103-MB

Outside Casing Omitted
For Frame No. 103-B
Otherwise Same as No. 103-M

This frame may be easily converted to a frame for Brick Veneer Construction or a box frame for Masonry Construction

(See Page 46)

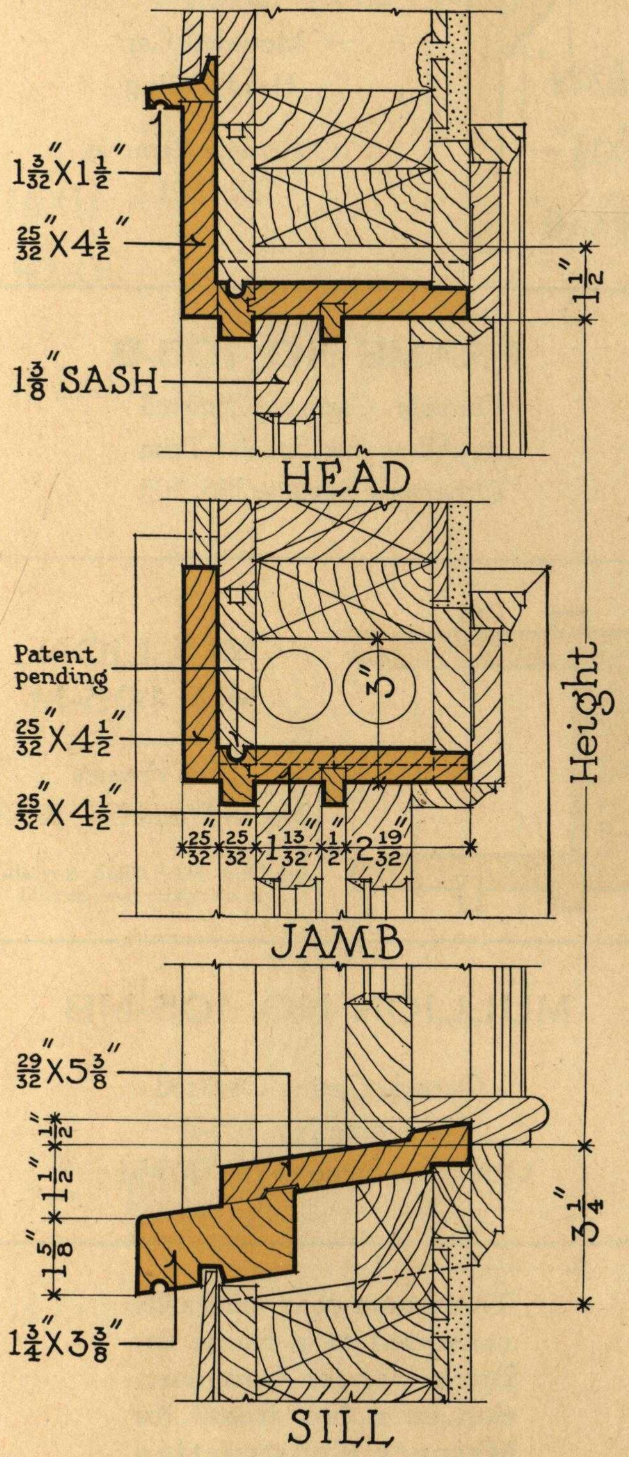
For frame sizes see pages 9 and 12

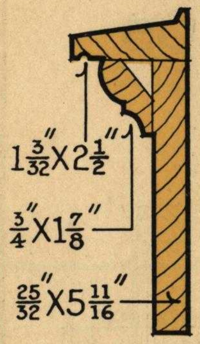
DOUBLE HUNG WINDOW FRAMES

FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 104





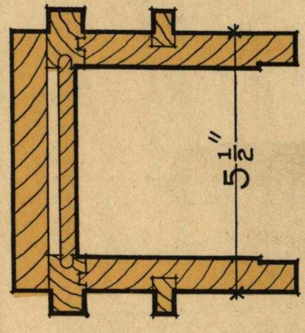
FRAME NO. 104-A

Moulded Cap
Head Casing

Otherwise Same as
No. 104

FRAME NO. 104-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 104



MULLION NO. 103-M

For Frames
No. 104 and No. 104-A

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 103-MB

Outside Casing Omitted
For Frame No. 104-B
Otherwise Same as No. 103-M

This frame may be easily converted to a frame for Brick Veneer Construction or a box frame for Masonry Construction

(See Page 46)

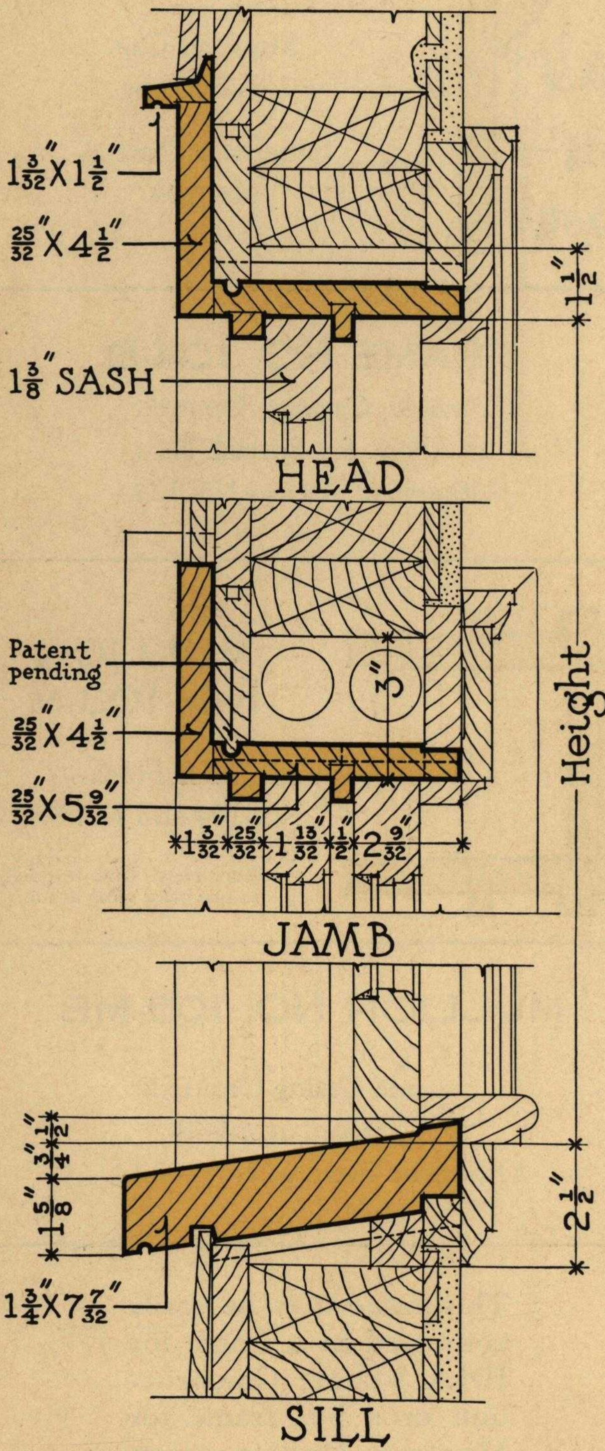
For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES

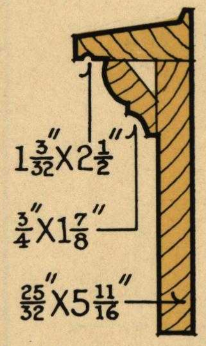
FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 105



FRAME NO. 105-A

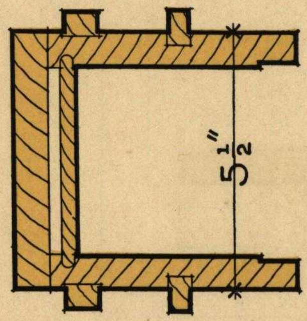


Moulded Cap
Head Casing

Otherwise Same as
No. 105

FRAME NO. 105-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 105



MULLION NO. 105-M

For Frames
No. 105 and No. 105-A

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 105-MB

Outside Casing Omitted
For Frame No. 105-B
Otherwise Same as No. 105-M

This frame may be easily converted to a frame for Brick Veneer Construction or a box frame for Masonry Construction

(See Page 46)

For frame sizes see pages 9 and 12

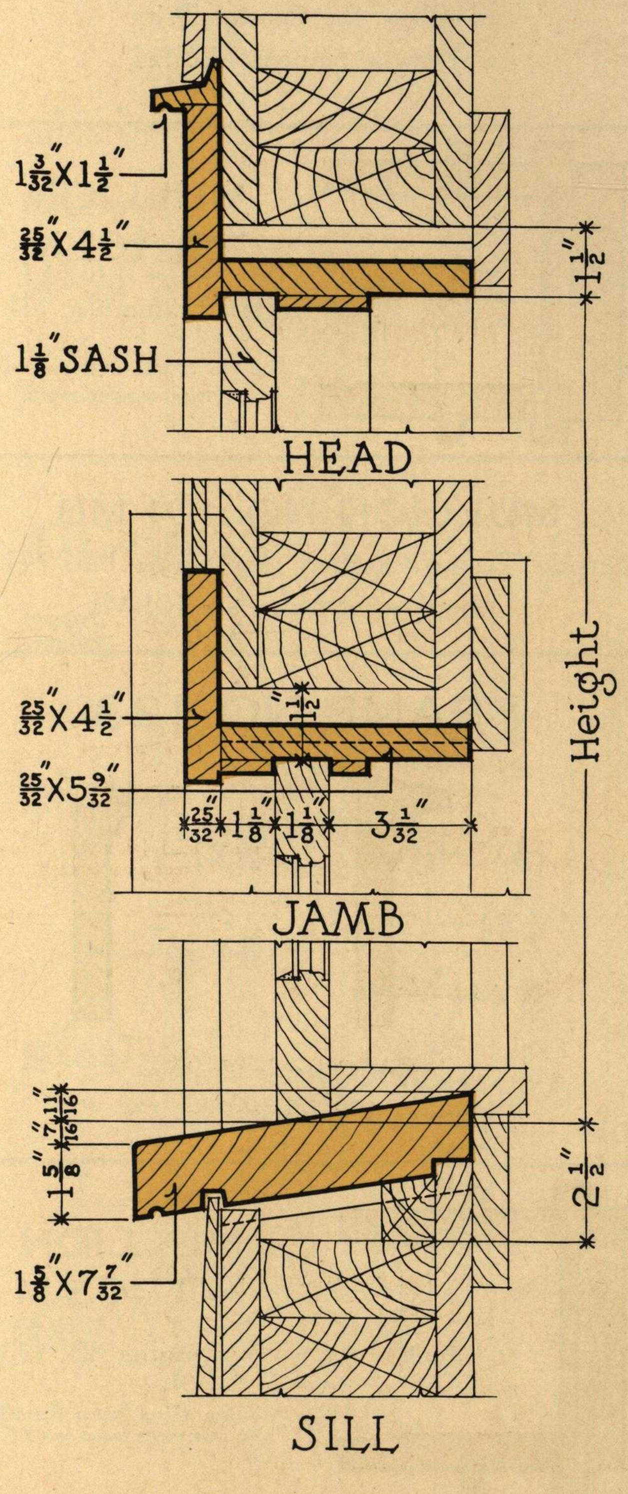
BARN AND GARAGE FRAMES

FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

Plain Rail Frame

FRAME NO. 106



Plain Rail Frame

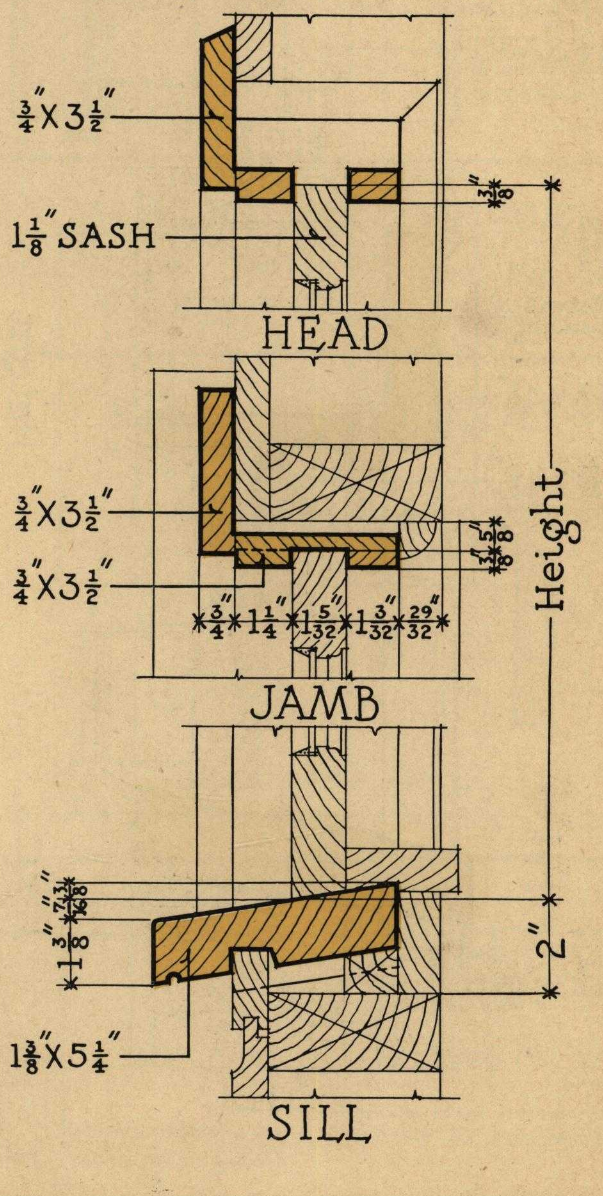
FRAME NO. 107

Adapted for 1⅜″ Sash

Otherwise Same as Frame No. 106

Special Garage and Barn Frame

FRAME NO. 108



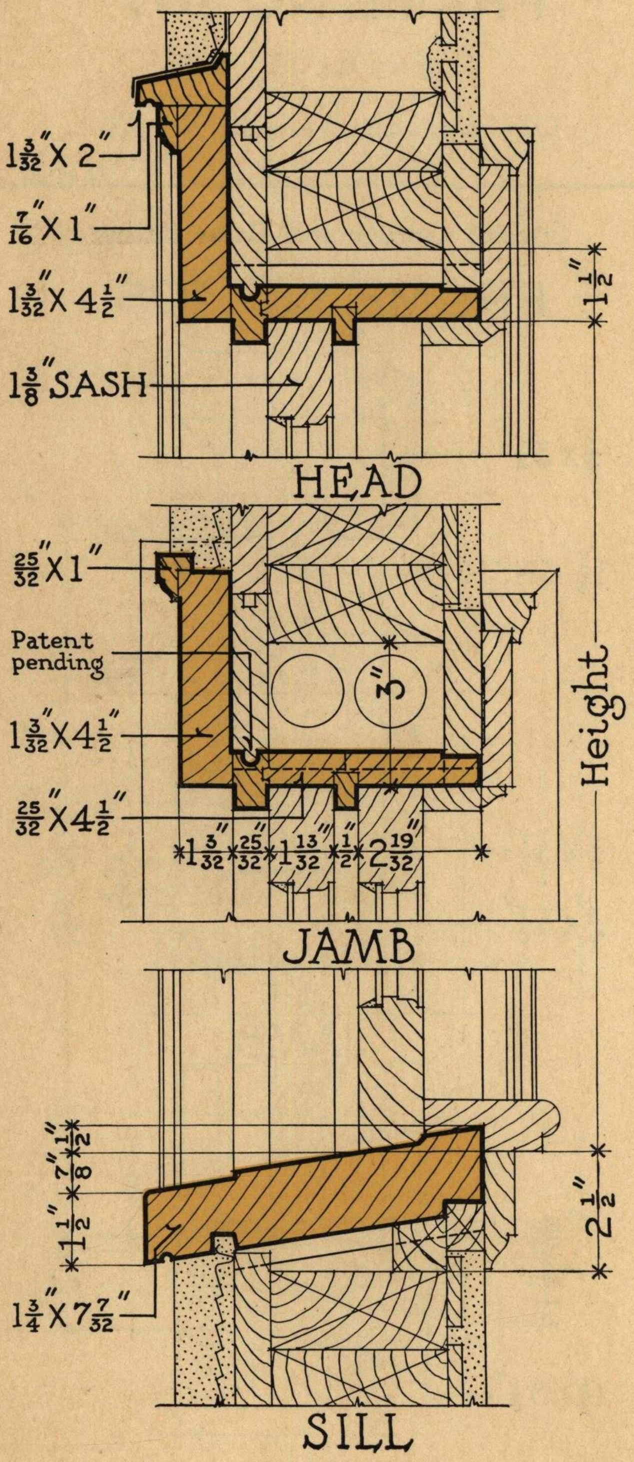
For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES

FOR STUCCO FRAME BUILDINGS

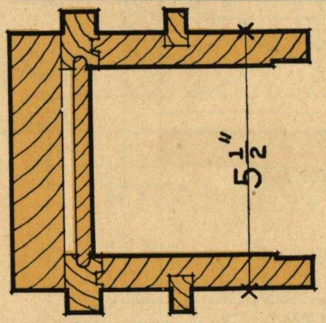
Scale—Three Inches Equal One Foot

FRAME NO. 121



FRAME NO. 121-B

Outside Casings Omitted
to allow for Special Trim
Otherwise Same as No. 121



MULLION NO. 101-M

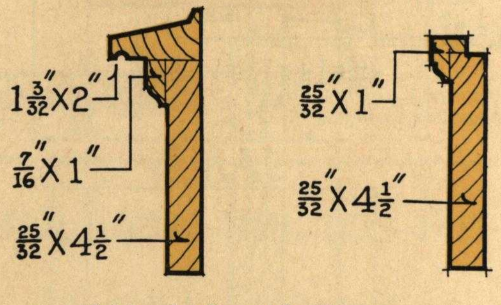
For Frame No. 121

(Mullion Head Jamb furnished in one piece same as sill.)

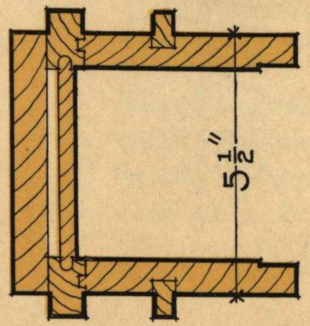
MULLION NO. 101-MB

Outside Casing Omitted For Frame No. 121-B
Otherwise Same as No. 101-M

FRAME NO. 123



7/8 Inch Outside Casings
Otherwise Same as No. 121



MULLION NO. 103-M

For Frame No. 123

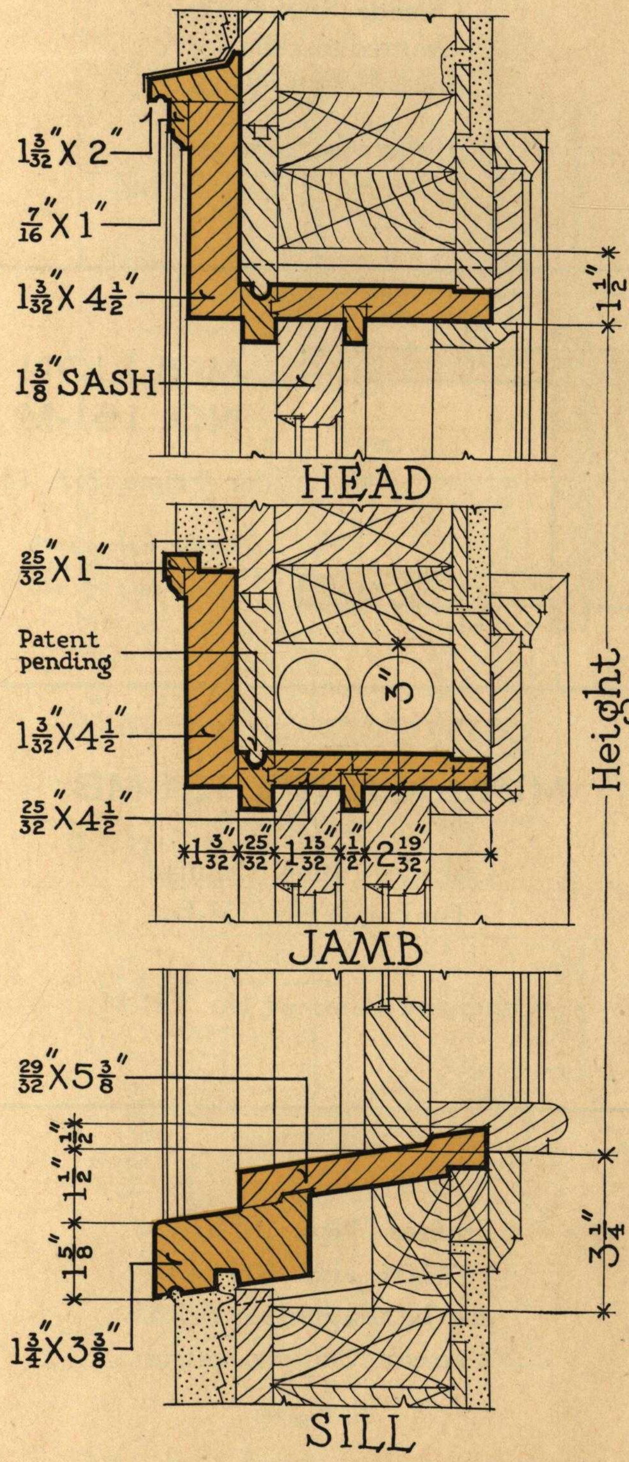
(Mullion Head Jamb furnished in one piece same as sill.)

For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES
FOR STUCCO FRAME BUILDINGS

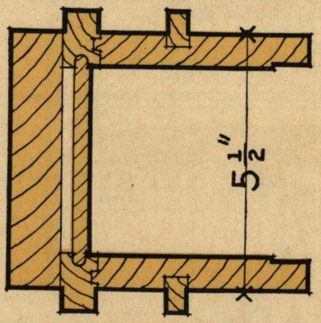
Scale—Three Inches Equal One Foot

FRAME NO. 122



FRAME NO. 122-B

Outside Casings Omitted
to allow for Special Trim
Otherwise Same as No. 122



MULLION NO. 101-M

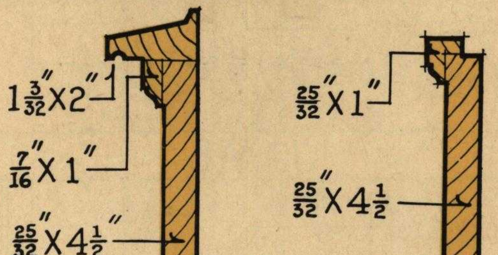
For Frame No. 122

(Mullion Head Jamb furnished in one piece same as sill.)

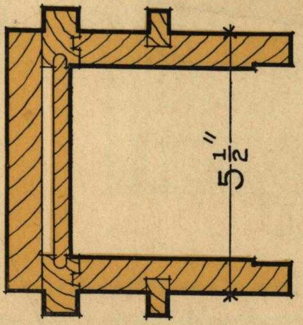
MULLION NO. 101-MB

Outside Casing Omitted For Frame No. 122-B
Otherwise Same as No. 101-M

FRAME NO. 124



7/8 Inch Outside Casings
Otherwise Same as No. 122



MULLION NO. 103-M

For Frame No. 124

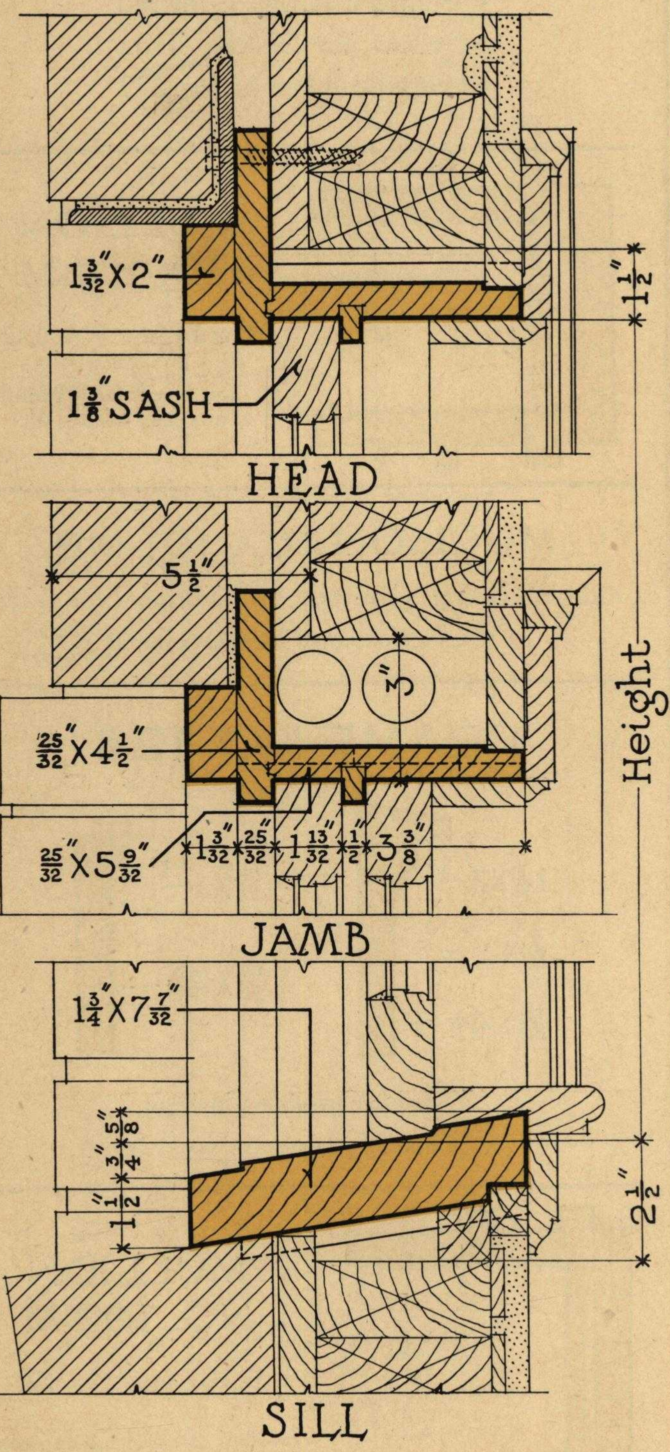
(Mullion Head Jamb furnished in one piece same as sill.)

For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES
FOR BRICK VENEER BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 151

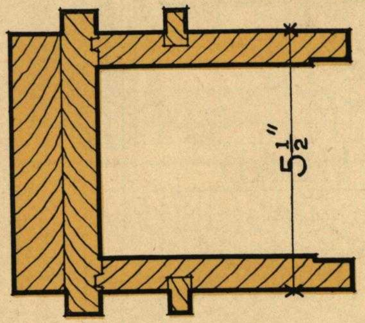


Other Staff Beads shown on page 48.

FRAME NO. 151-B

Outside Staff Beads Omitted to allow for Special Staff Beads

Otherwise Same as No. 151



MULLION NO. 151-M

For Frame No. 151

(Mullion Head Jamb furnished in one piece same as sill)

MULLION NO. 151-MB

Outside Casing Omitted For Frame No. 151-B

Otherwise Same as No. 151-M

Frames Nos. 101-102-103-104 and 105 may also be adapted for Brick Veneer Construction

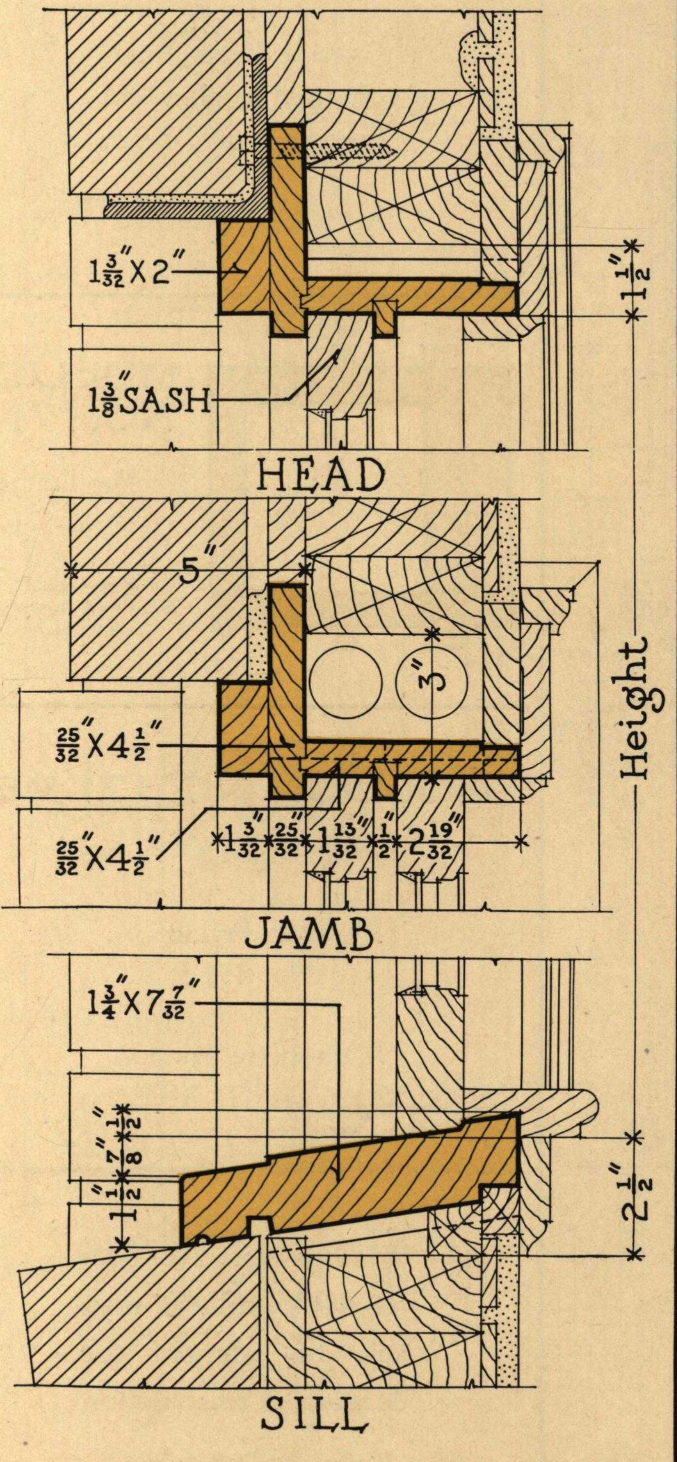
(See Page 46)

For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES
FOR BRICK VENEER BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 154

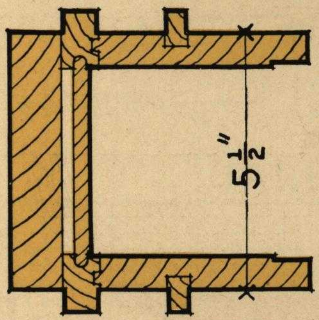


Other Staff Beads shown on page 48.

FRAME NO. 154-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 154



MULLION NO. 101-M

For Frame No. 154

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 101-MB

Outside Casing Omitted
For Frame No. 154-B

Otherwise Same as No. 101-M

Frames Nos. 101-102-103-104 and 105 may also be adapted for Brick Veneer Construction

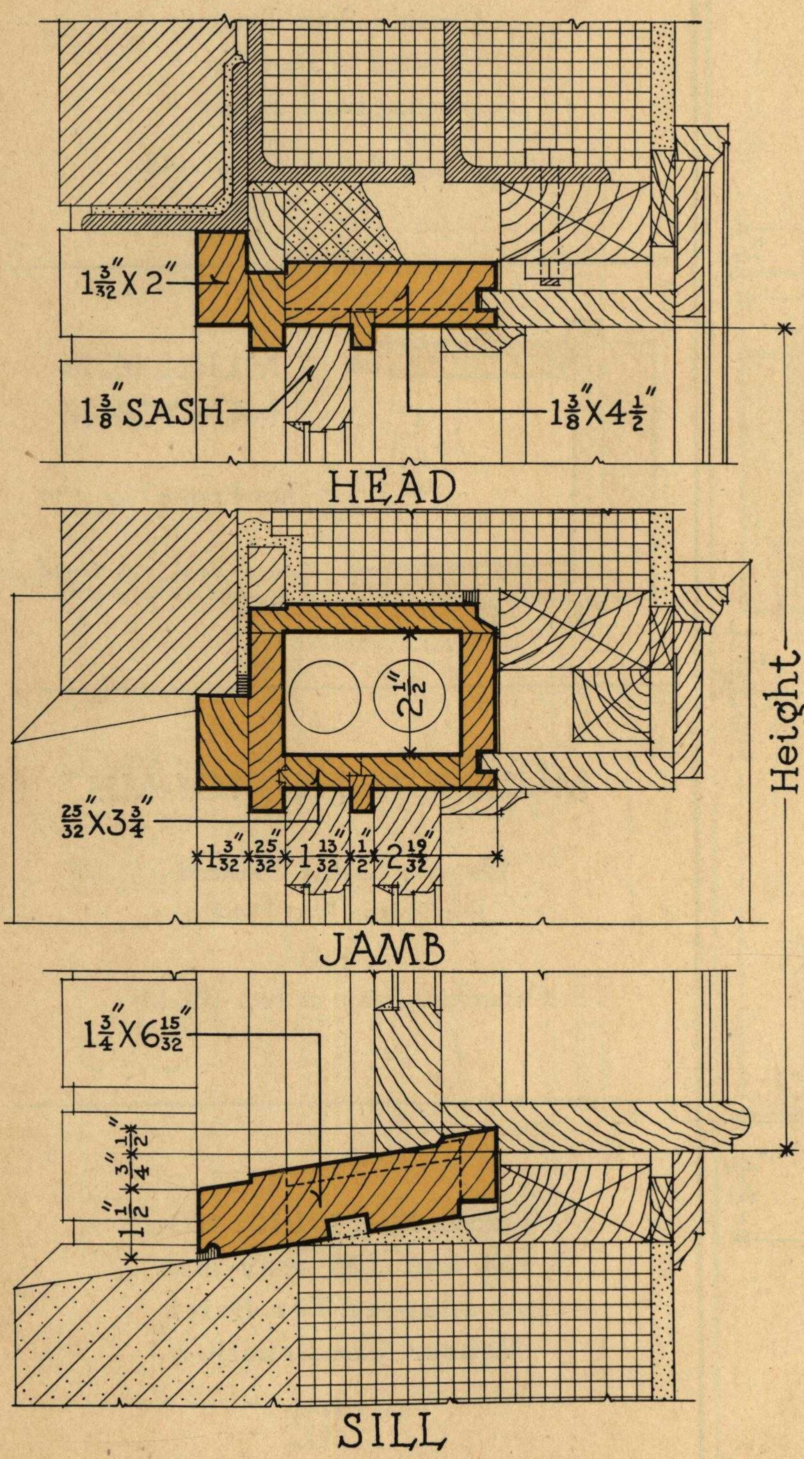
(See Page 46)

For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES
FOR MASONRY CONSTRUCTION

Scale—Three Inches Equal One Foot

FRAME NO. 171



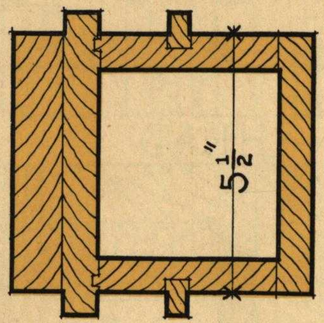
Other Staff Beads shown on page 48.

FRAME NO. 171-B

Outside Staff Beads Omitted to allow for Special Staff Beads

Otherwise Same as No. 171

MULLION NO. 171-M



For Frame No. 171

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 171-MB

Outside Casing Omitted

For Frame No. 171-B

Otherwise Same as No. 171-M

Frames Nos. 101-102-103-104 and 105 may also be adapted for Masonry Construction

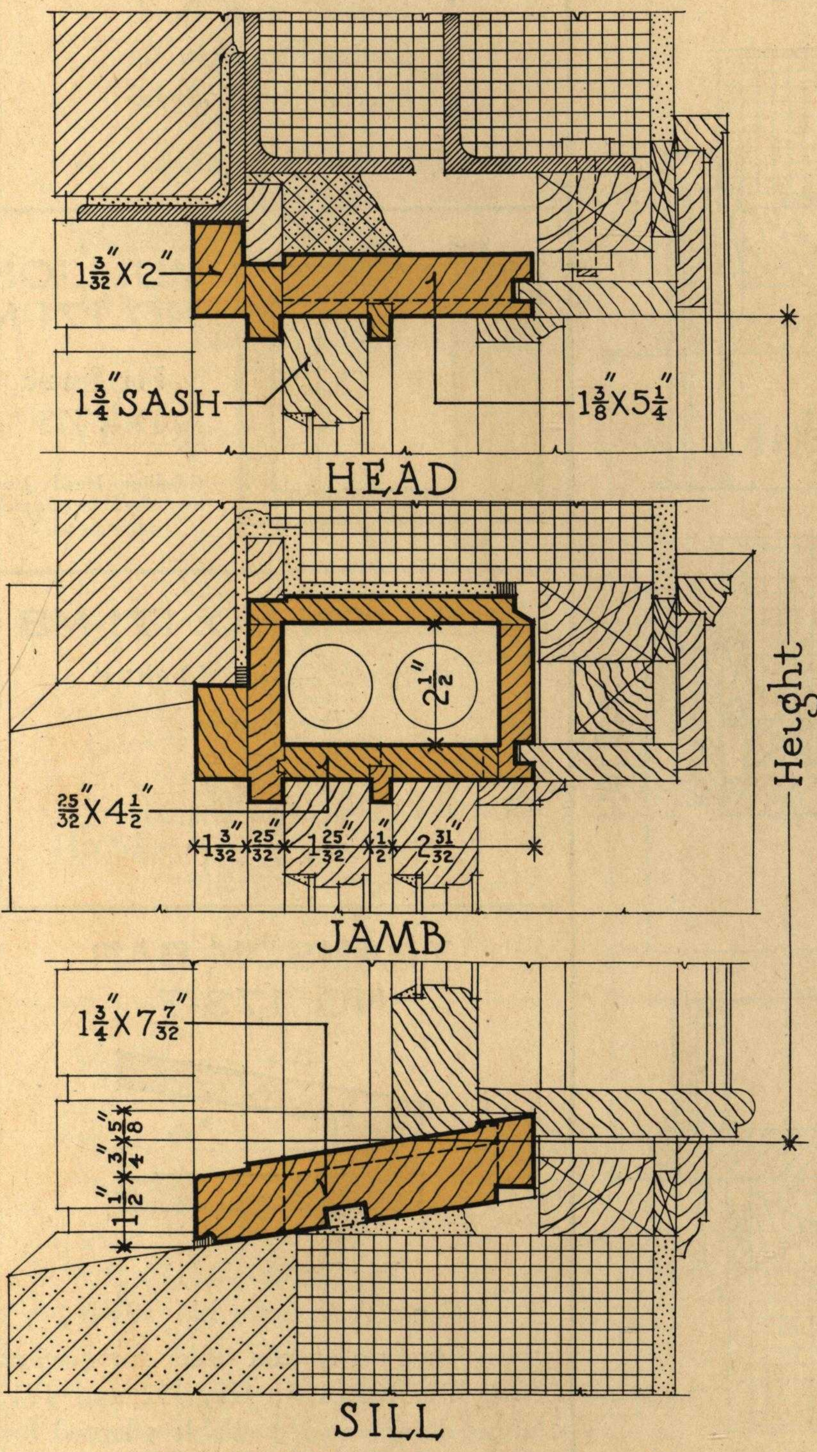
(See Page 46)

For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES
FOR MASONRY CONSTRUCTION

Scale—Three Inches Equal One Foot

FRAME NO. 172



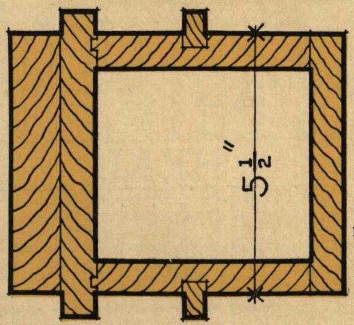
Other Staff Beads shown on page 48.

FRAME NO. 172-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 172

MULLION NO. 172-M



For Frame
No. 172

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 172-MB

Outside Casing Omitted

For Frame
No. 172-B

Otherwise Same as
No. 172-M

Frames Nos. 101-102-103-104 and 105 may also be adapted for Masonry Construction

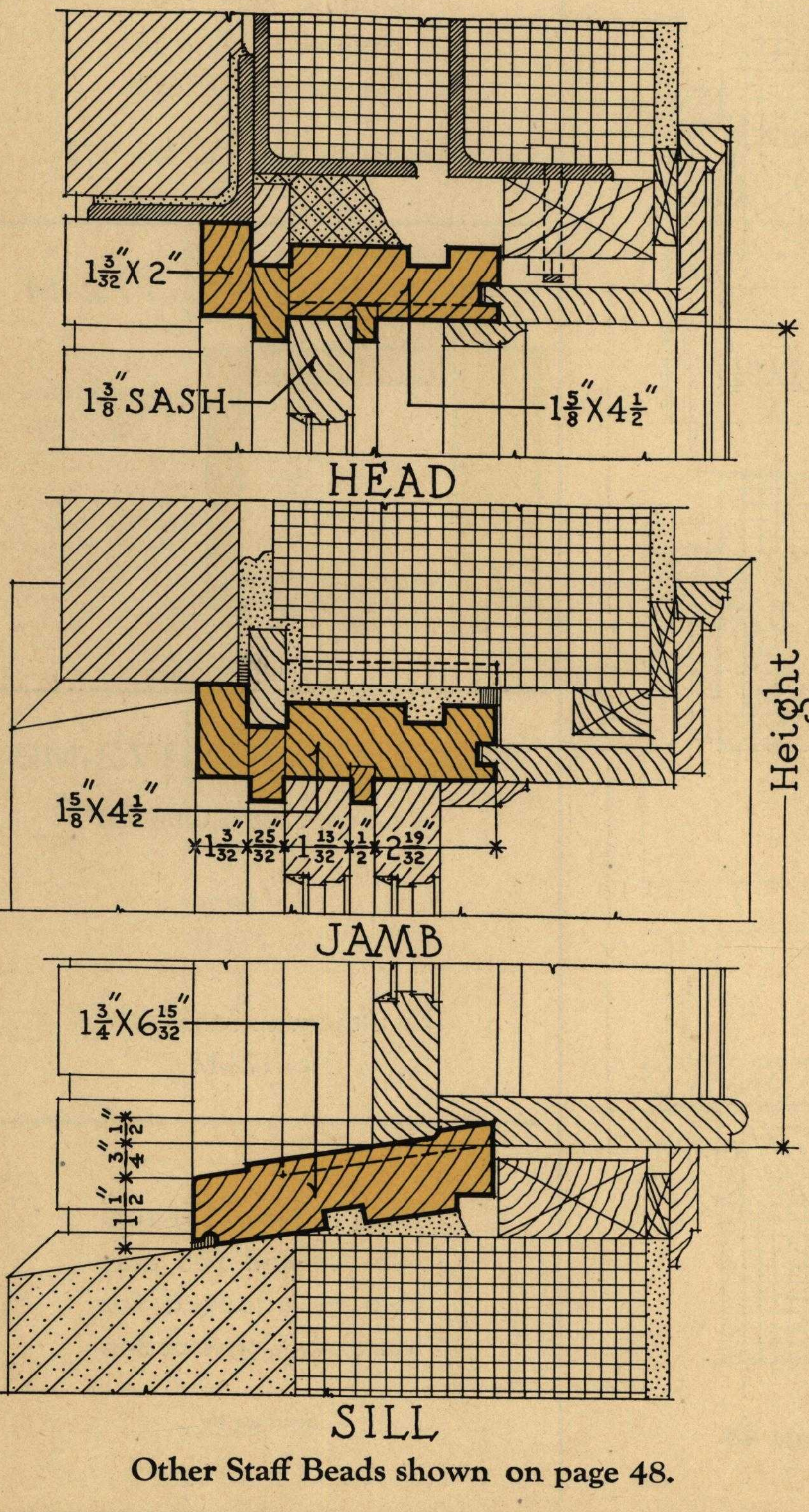
(See Page 46)

For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES
FOR MASONRY CONSTRUCTION

Scale—Three Inches Equal One Foot

FRAME NO. 173

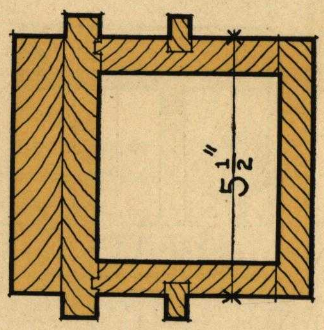


Other Staff Beads shown on page 48.

FRAME NO. 173-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 173



MULLION NO. 171-M

For Frame
No. 173

(Mullion Head Jamb furnished in one piece same as sill.)

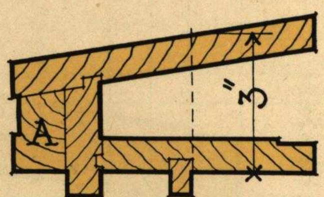
MULLION NO. 171-MB

Outside Casing Omitted

For Frame
No. 173-B

Otherwise Same as
No. 171-M

TRANSOM BAR NO. 173-T



For Frame No. 173
Omit Trim A for No. 173-B

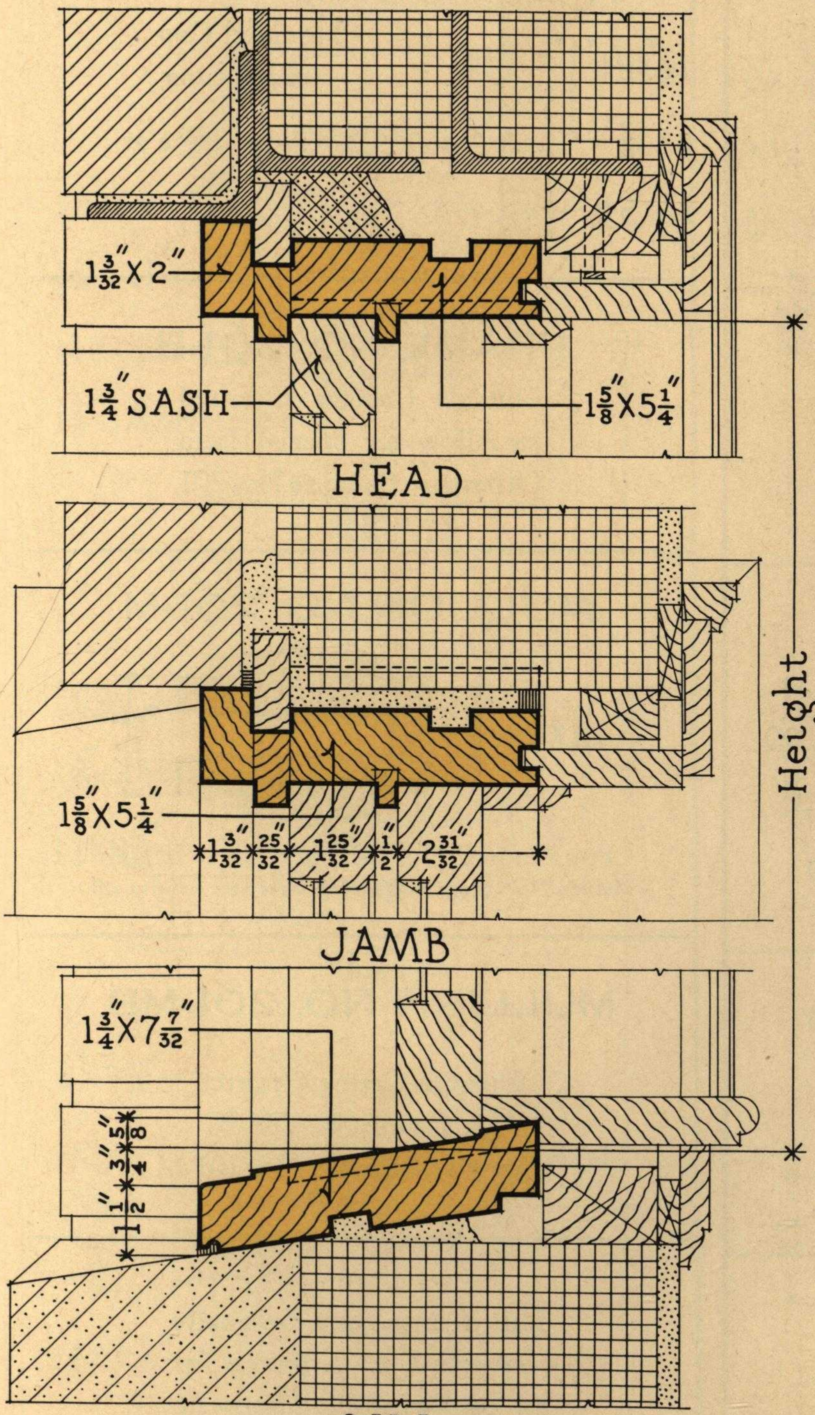
(Furnished on special order for Frames Nos. 101, 102, 121, 122, 152 and 171. Same design also available adapted for Frames Nos. 103, 104, 105, 123, 124 and 151)

For frame sizes see pages 9 and 12

DOUBLE HUNG WINDOW FRAMES
FOR MASONRY CONSTRUCTION

Scale—Three Inches Equal One Foot

FRAME NO. 174



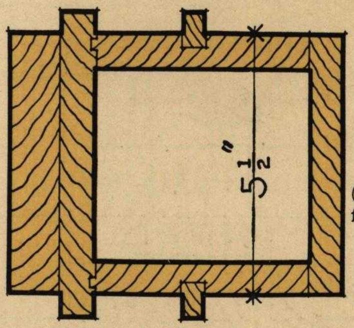
Other Staff Beads shown on page 48.

FRAME NO. 174-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 174

MULLION NO. 172-M



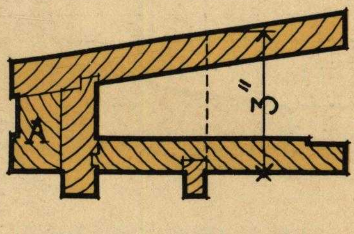
For Frame
No. 174

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 172-MB

Outside Casing Omitted
For Frame
No. 174-B
Otherwise Same as
No. 172-M

TRANSOM BAR
NO. 174-T



For Frame No. 174
Omit Trim A for No. 174-B

(Also furnished for Frame No. 172)

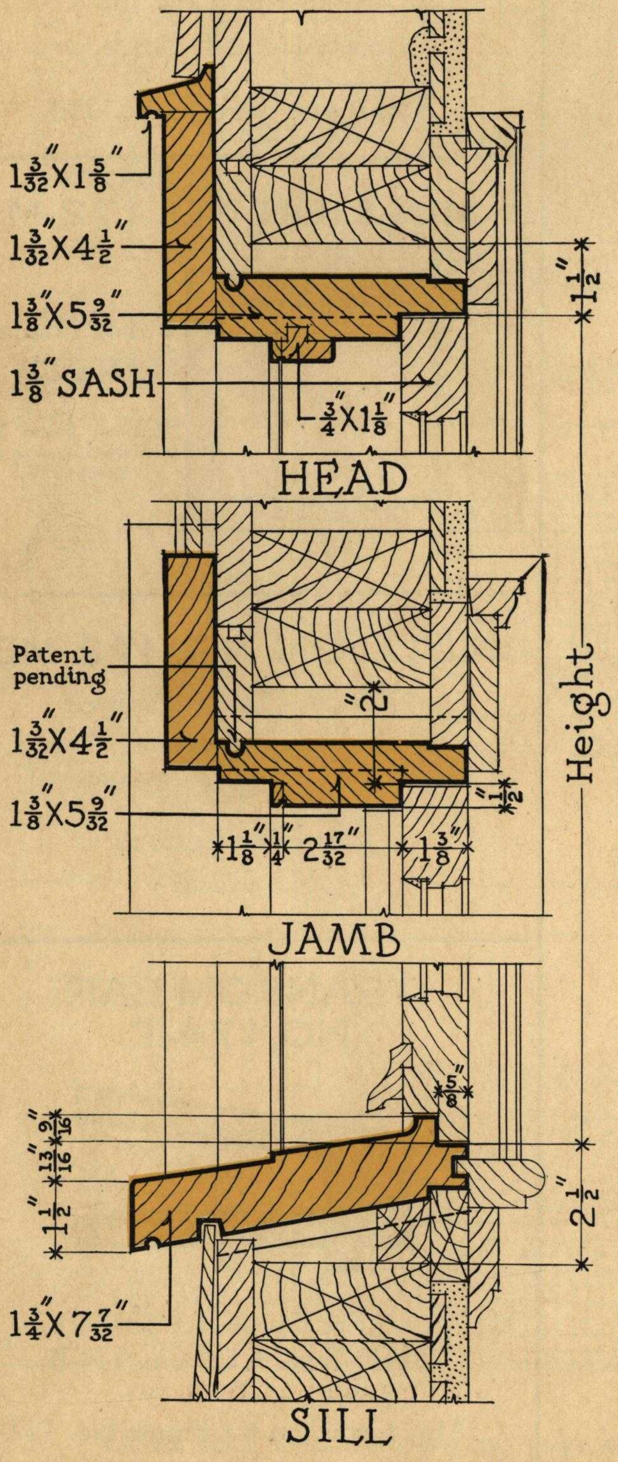
For frame sizes see pages 9 and 12

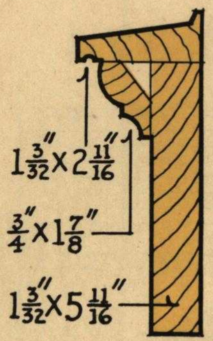
Inswinging CASEMENT WINDOWS
FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 201

(Patent Pending)





FRAME NO. 201-A

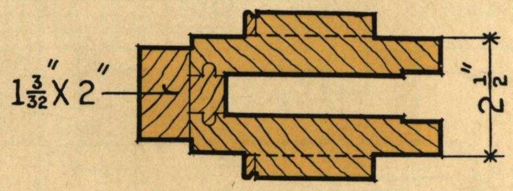
Moulded Cap
Head Casing

Otherwise Same as
No. 201

FRAME NO. 201-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 201

MULLION NO. 201-M



For Frames No. 201 and No. 201-A
(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 201-MB

Outside Casing Omitted
For Frame No. 201-B
Otherwise Same as No. 201-M

This frame may be easily converted to a frame for an outswinging casement

(See Pages 11 and 29)

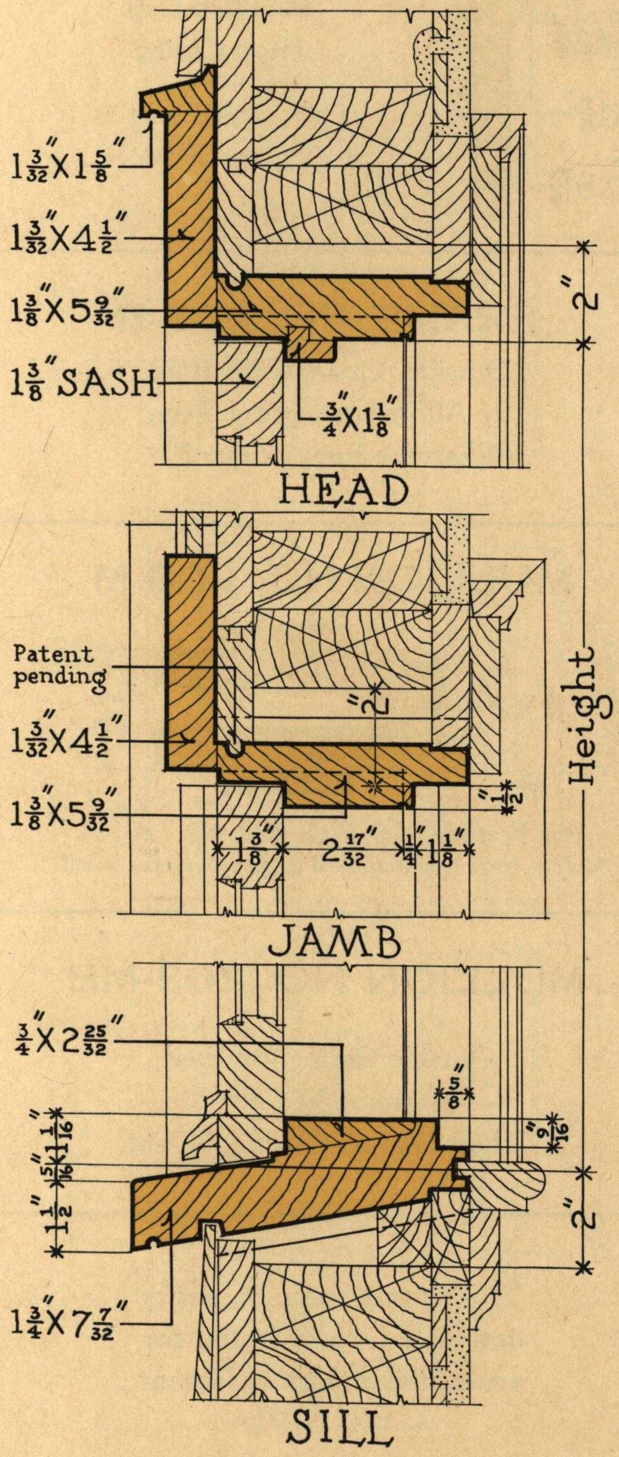
For frame sizes see pages 9 and 12

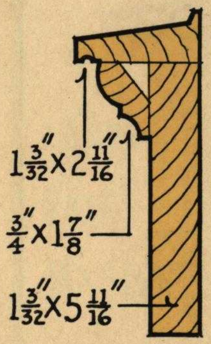
Outswinging CASEMENT WINDOWS FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 202

(Patent Pending)





FRAME NO. 202-A

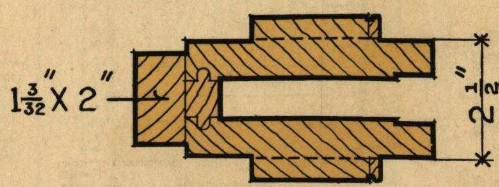
Moulded Cap
Head Casing

Otherwise Same as
No. 202

FRAME NO. 202-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 202

MULLION NO. 202-M



For Frames No. 202 and No. 202-A
(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 202-MB

Outside Casing Omitted
For Frame No. 202-B
Otherwise Same as No. 202-M

This frame may be easily converted to a frame for an inswinging casement

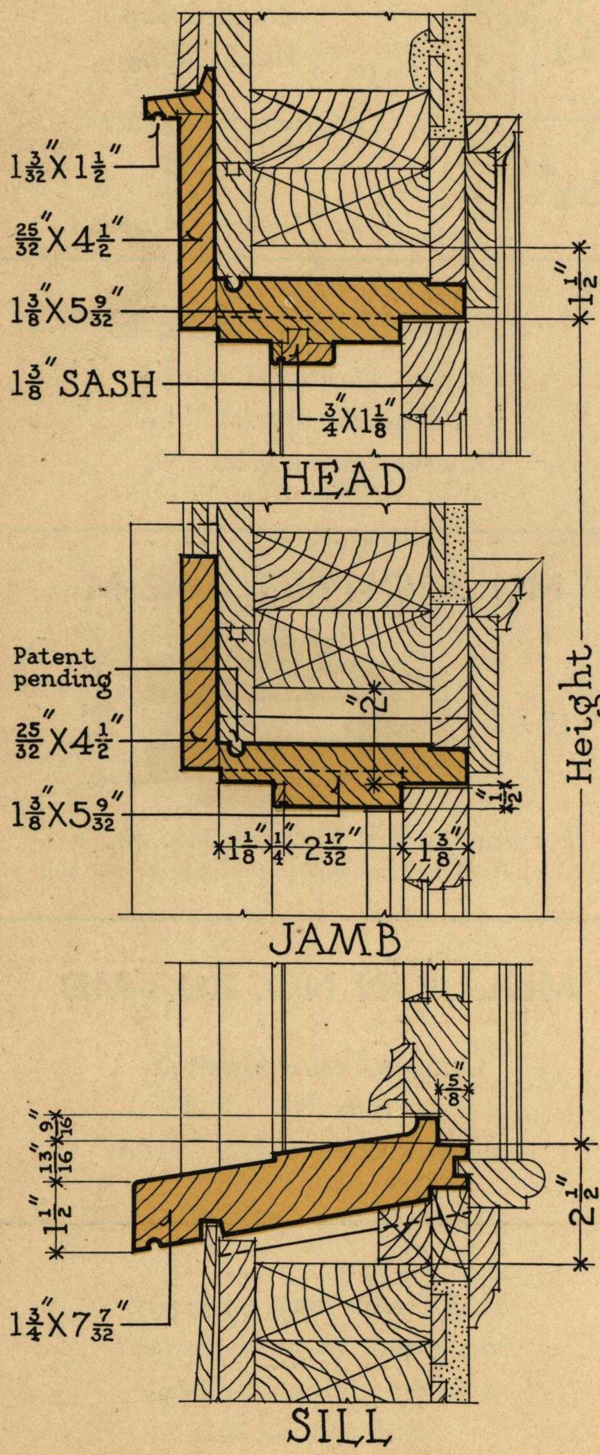
(See Pages 11 and 28)

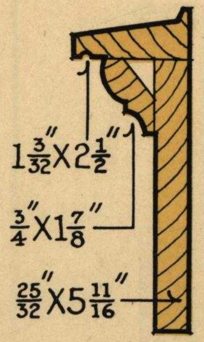
For frame sizes see pages 9 and 12

Inswinging CASEMENT WINDOWS
FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 203
(Patent Pending)





FRAME NO. 203-A

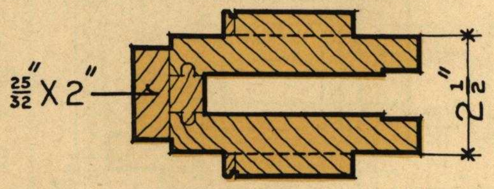
Moulded Cap
Head Casing

Otherwise Same as
No. 203

FRAME NO. 203-B

Outside Casings Omitted
to Allow for Special Trim
Otherwise Same as No. 203

MULLION NO. 203-M



For Frames No. 203 and No. 203-A
(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 203-MB

Outside Casing Omitted
For Frame No. 203-B
Otherwise Same as No. 203-M

This frame may be easily converted to a frame for an outswinging casement

(See Pages 11 and 31)

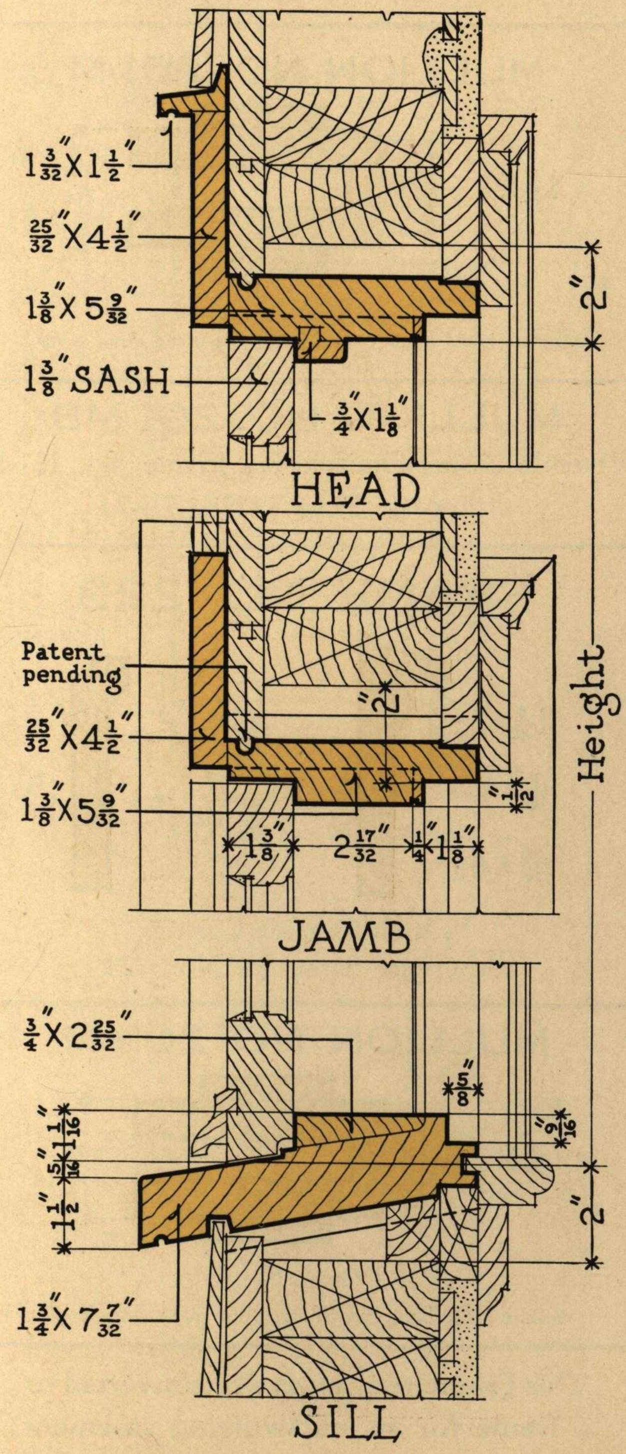
For frame sizes see pages 9 and 12

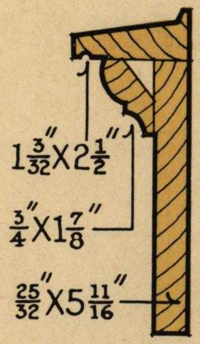
Outswinging CASEMENT WINDOWS
FOR FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 204

(Patent Pending)





FRAME NO. 204-A

Moulded Cap
Head Casing

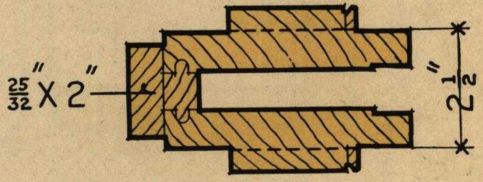
Otherwise Same as No. 204

FRAME NO. 204-B

Outside Casings Omitted
to allow for Special Trim

Otherwise Same as No. 204

MULLION NO. 204-M



For Frames No. 204 and No. 204-A

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 204-MB

Outside Casing Omitted

For Frame No. 204-B

Otherwise Same as No. 204-M

This Frame may be easily converted to a frame for an in-swinging casement

(See Pages 11 and 30)

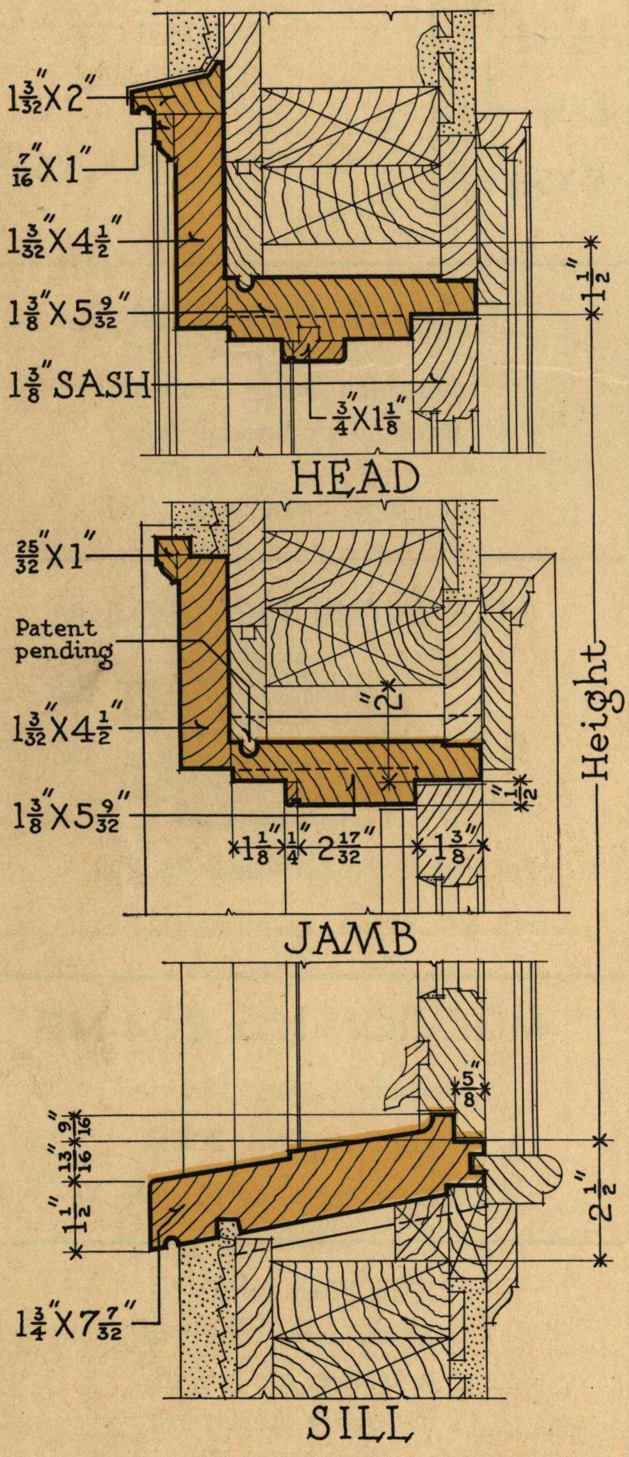
For frame sizes see pages 9 and 12

Inswinging CASEMENT WINDOWS
FOR STUCCO FRAME BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 221

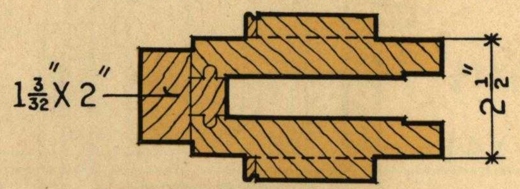
(Patent Pending)



FRAME NO. 221-B

Outside Casings Omitted
to allow for Special Trim
Otherwise Same as No. 221

MULLION NO. 201-M



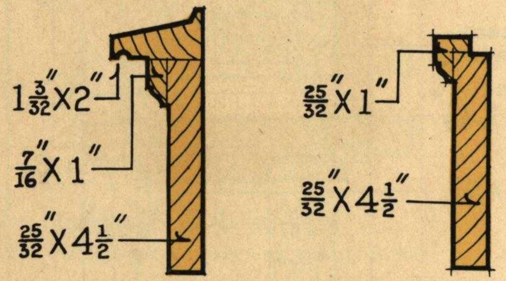
For Frame No. 221

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 201-MB

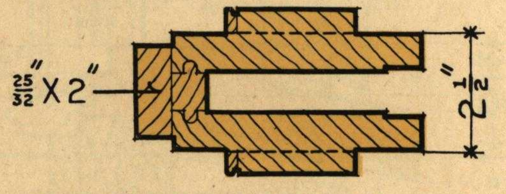
Outside Casing Omitted For Frame No. 221-B
Otherwise Same as No. 201-M

FRAME NO. 223



7/8 Inch Outside Casings
Otherwise Same as No. 221

MULLION NO. 203-M



For Frame No. 223

(Mullion Head Jamb furnished in one piece same as sill.)

This Frame may be easily converted to a frame for an outswinging casement

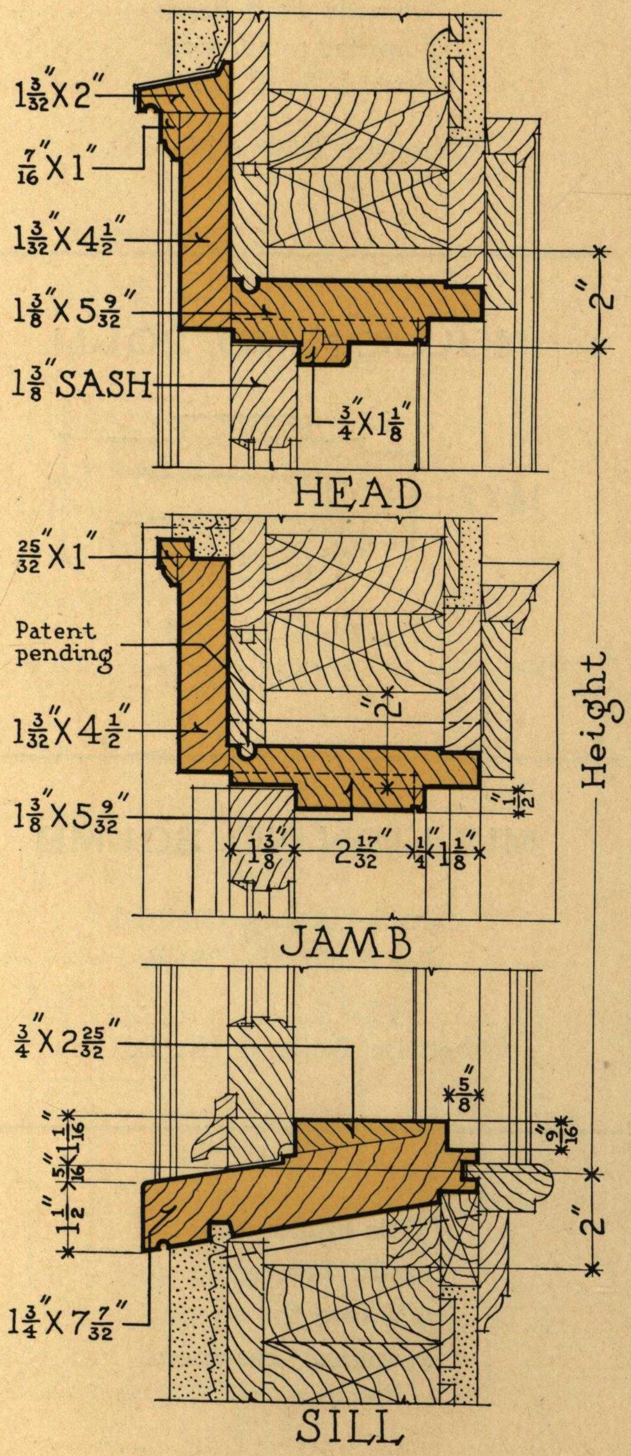
(See Pages 11 and 33)

For frame sizes see pages 9 and 12

Outswinging CASEMENT WINDOWS
FOR STUCCO FRAME BUILDINGS

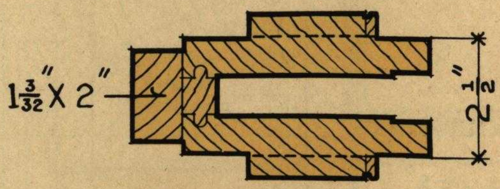
Scale—Three Inches Equal One Foot

FRAME NO. 222
(Patent Pending)



FRAME NO. 222-B
Outside Casings Omitted to allow for Special Trim Otherwise Same as No. 222

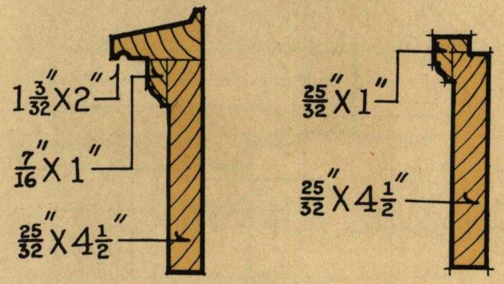
MULLION NO. 202-M



For Frame No. 222
(Mullion Head Jamb furnished in one piece same as sill.)

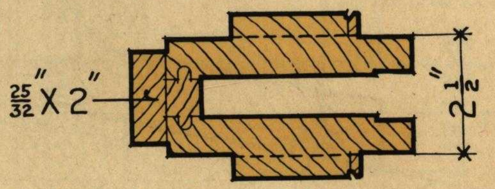
MULLION NO. 202-MB
Outside Casing Omitted For Frame No. 222-B
Otherwise Same as No. 202-M

FRAME NO. 224



7/8 Inch Outside Casings
Otherwise Same as No. 222

MULLION NO. 204-M



For Frame No. 224
(Mullion Head Jamb furnished in one piece same as sill.)

This Frame may be easily converted to a frame for an inswinging casement
(See Pages 11 and 32)

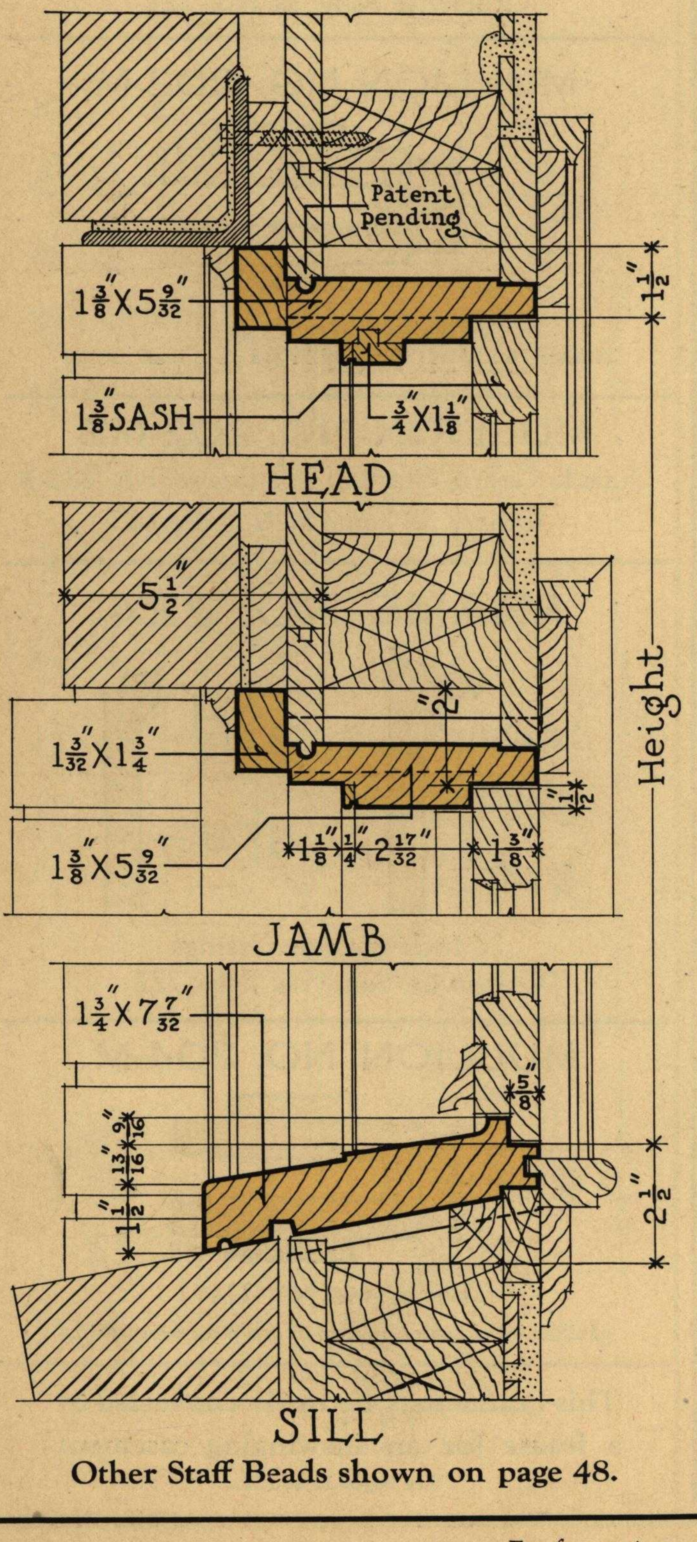
For frame sizes see pages 9 and 12

Inswinging CASEMENT WINDOWS
FOR BRICK VENEER BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 251

(Patent Pending)



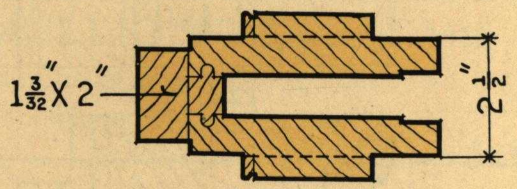
Other Staff Beads shown on page 48.

FRAME NO. 251-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 251

MULLION NO. 201-M



For Frame No. 251
(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 201-MB

Outside Casing Omitted
For Frame No. 251-B

Otherwise Same as No. 201-M

This Frame may be easily converted to a frame for an outswinging casement
(See Pages 11 and 35)

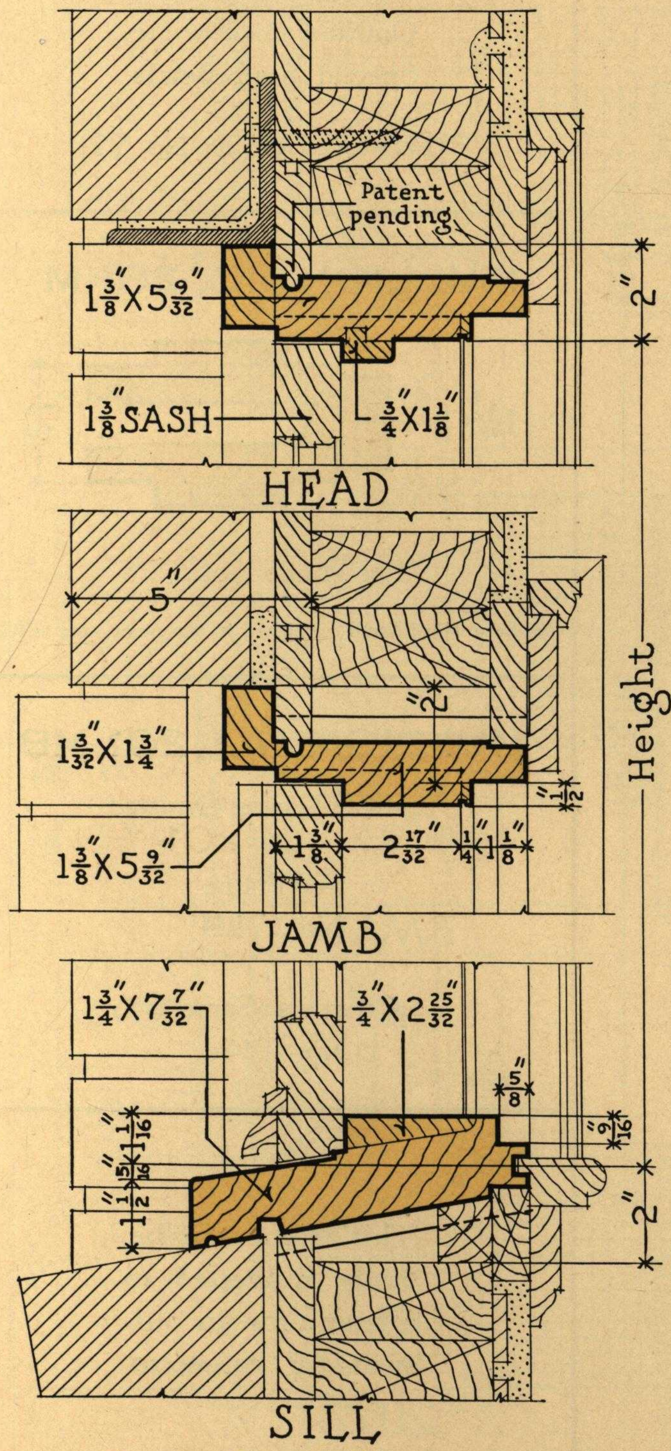
For frame sizes see pages 9 and 12

Outswinging CASEMENT WINDOWS
FOR BRICK VENEER BUILDINGS

Scale—Three Inches Equal One Foot

FRAME NO. 252

(Patent Pending)



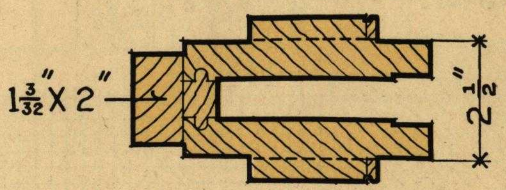
Other Staff Beads shown on page 48.

FRAME NO. 252-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 252

MULLION NO. 202-M



For Frame No. 252
(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 202-MB

Outside Casing Omitted
For Frame No. 252-B

Otherwise Same as No. 202-M

This Frame may be easily converted to a frame for an inswinging casement

(See Pages 11 and 34)

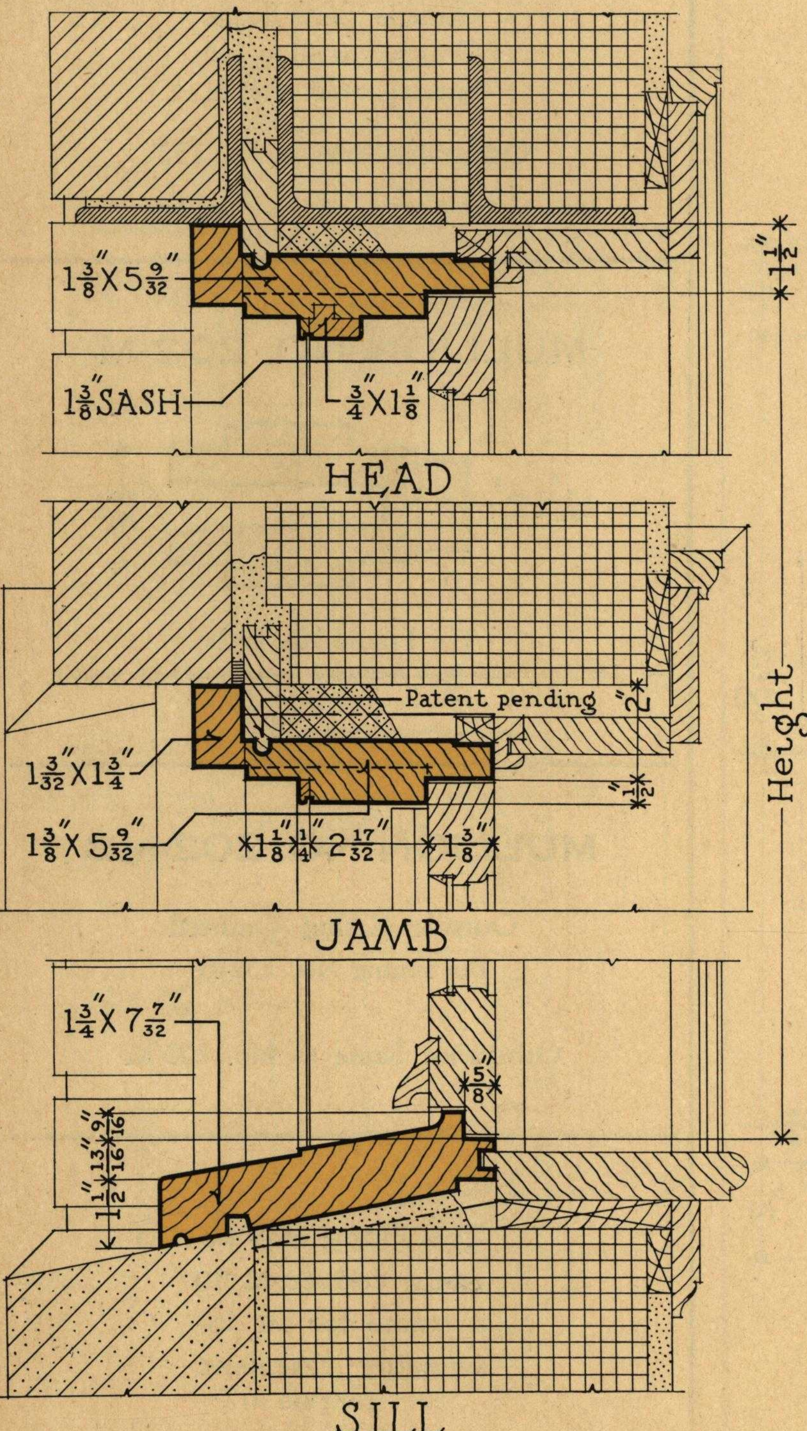
For frame sizes see pages 9 and 12

Inswinging CASEMENT WINDOWS
FOR MASONRY CONSTRUCTION

Scale—Three Inches Equal One Foot

FRAME NO. 271

(Patent Pending)



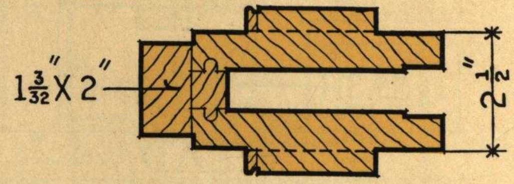
Other Staff Beads shown on page 48.

FRAME NO. 271-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 271

MULLION NO. 201-M



For Frame No. 271

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 201-MB

Outside Casing Omitted

For Frame
No. 271-B

Otherwise Same as
No. 201-M

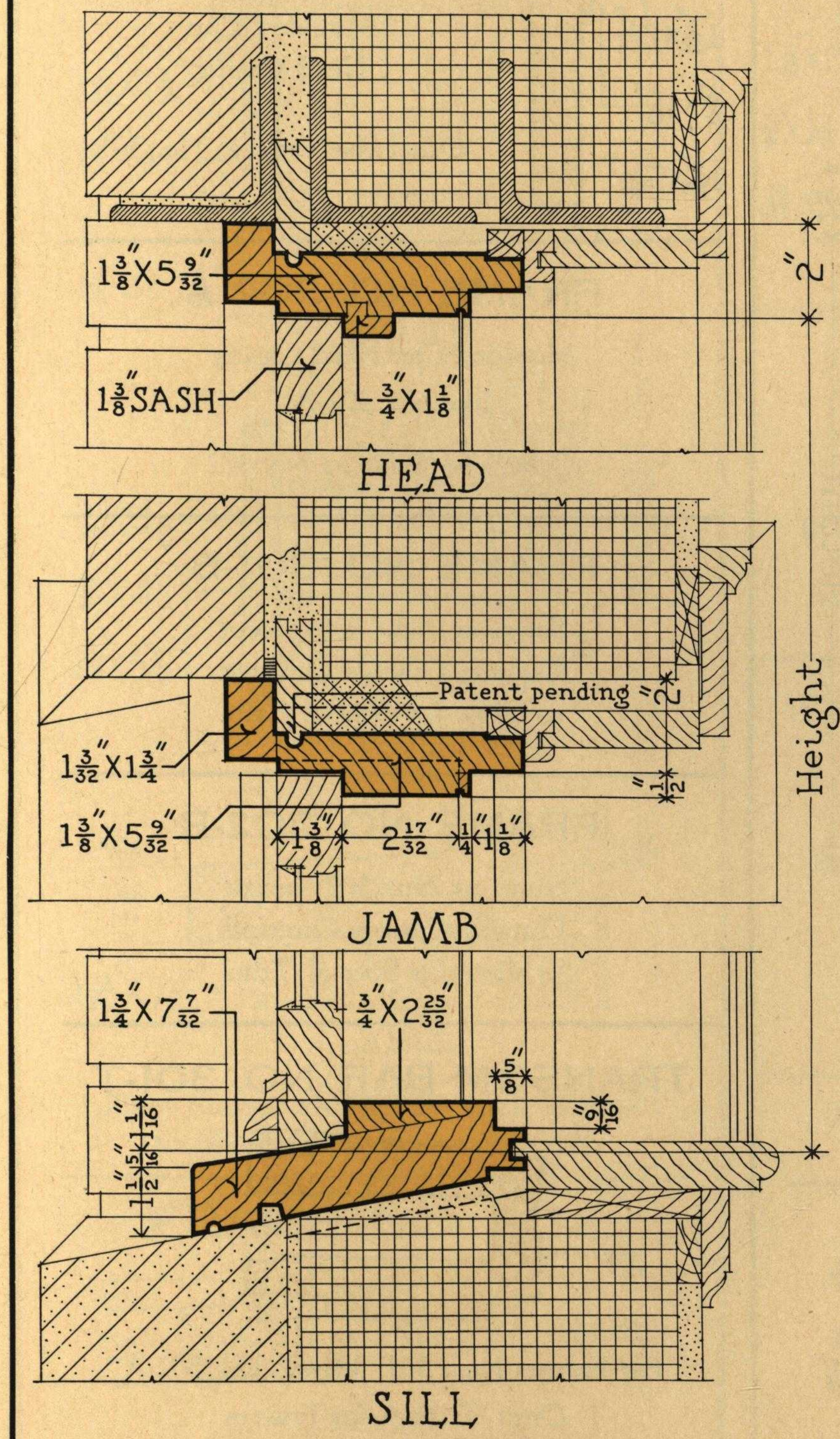
This Frame may be easily converted to a frame for an outswinging casement
(See Pages 11 and 37)

For frame sizes see pages 9 and 12

Outswinging CASEMENT WINDOWS
FOR MASONRY CONSTRUCTION

Scale—Three Inches Equal One Foot

FRAME NO. 272
(Patent Pending)



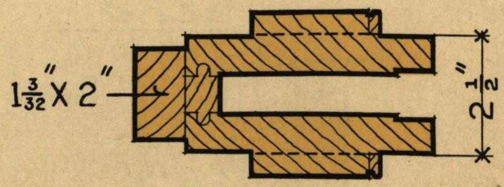
Other Staff Beads shown on page 48.

FRAME NO. 272-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 272

MULLION NO. 202-M



For Frame No. 272

(Mullion Head Jamb furnished in one piece same as sill.)

MULLION NO. 202-MB

Outside Casing Omitted

For Frame
No. 272-B

Otherwise Same as
No. 202-M

This Frame may be easily converted to a frame for an in-swinging casement
(See Pages 11 and 36)

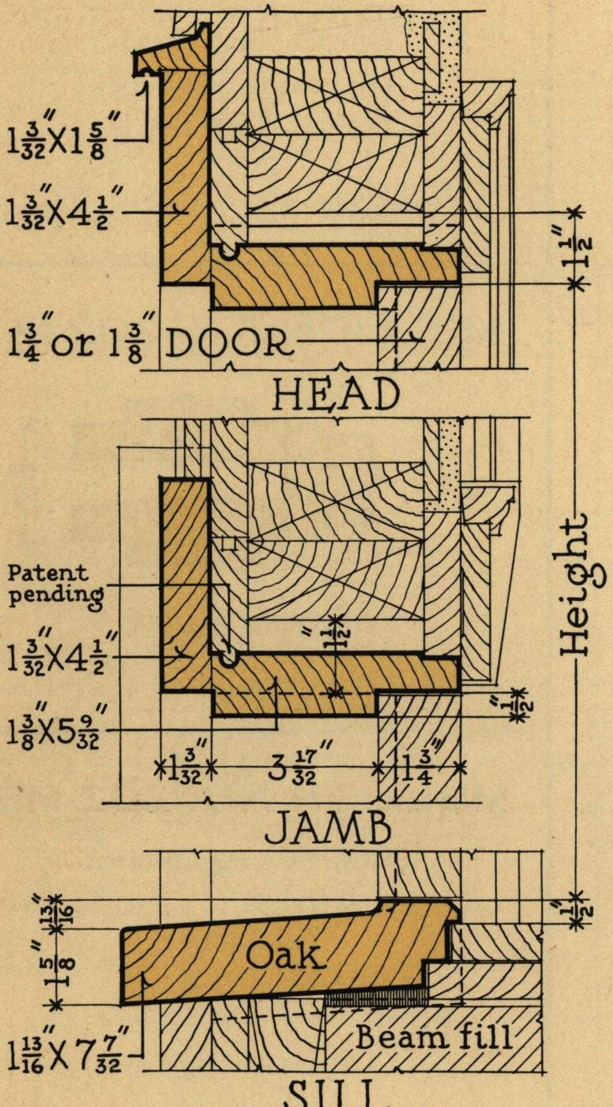
For frame sizes see pages 9 and 12

OUTSIDE DOOR FRAMES

FOR FRAME BUILDINGS

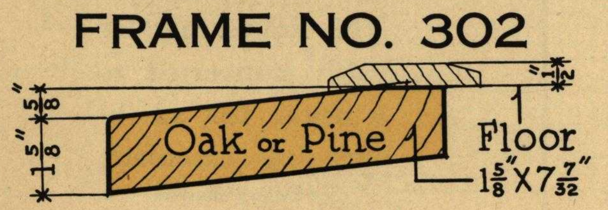
Scale—Three Inches Equal One Foot

FRAME NO. 301



Filler Stop to change 1¾ inch Rabbet to 1⅜ inch shown on page 48.

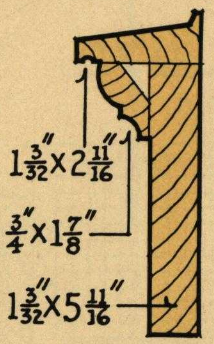
FRAME NO. 302



Plain Sill

Otherwise Same as No. 301

FRAME NO. 301-A



Moulded Cap
Head Casing

Otherwise Same as No. 301

FRAME NO. 302-A

Moulded Cap Head Casing
like No. 301-A

Otherwise Same as No. 302

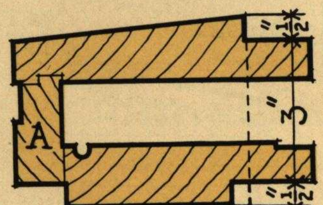
FRAME NO. 301-B

Same as No. 301 except
Outside Casings Omitted
to allow for Special Trim

FRAME NO. 302-B

Same as No. 302 except
Outside Casings Omitted
to allow for Special Trim

TRANSOM BAR NO. 301-T



For Frames Nos. 301, 301-A, 302, 302-A
Omit Trim A for Frames
Nos. 301-B and 302-B

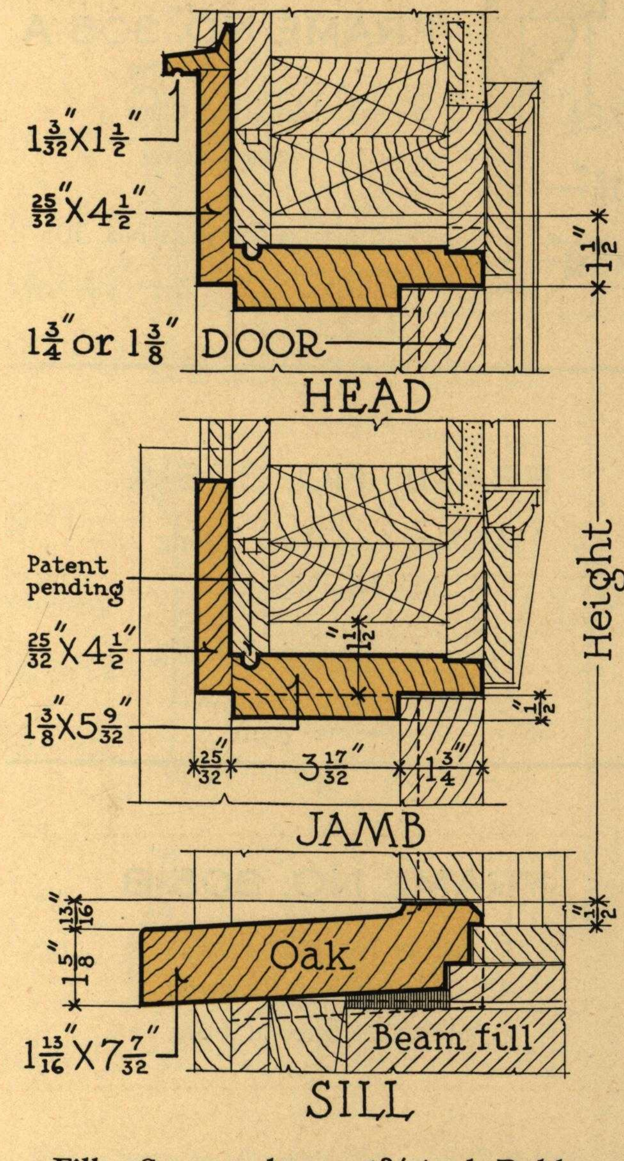
For frame sizes see pages 9 and 12

OUTSIDE DOOR FRAMES

FOR FRAME BUILDINGS

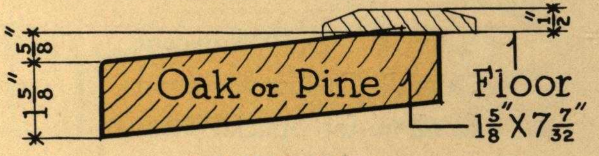
Scale—Three Inches Equal One Foot

FRAME NO. 303



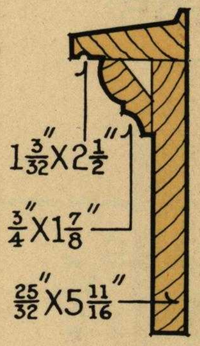
Filler Stop to change 1¾ inch Rabbet to 1⅜ inch shown on page 48.

FRAME NO. 304



Plain Sill
Otherwise Same as No. 303

FRAME NO. 303-A



Moulded Cap
Head Casing

Otherwise Same as No. 303

FRAME NO. 304-A

Moulded Cap Head Casing
like No. 303-A

Otherwise Same as No. 304

FRAME NO. 303-B

Same as No. 303 except
Outside Casings Omitted
to allow for Special Trim

With Threshold Sill

FRAME NO. 304-B

Same as No. 304 except
Outside Casings Omitted
to allow for Special Trim

With Plain Sill

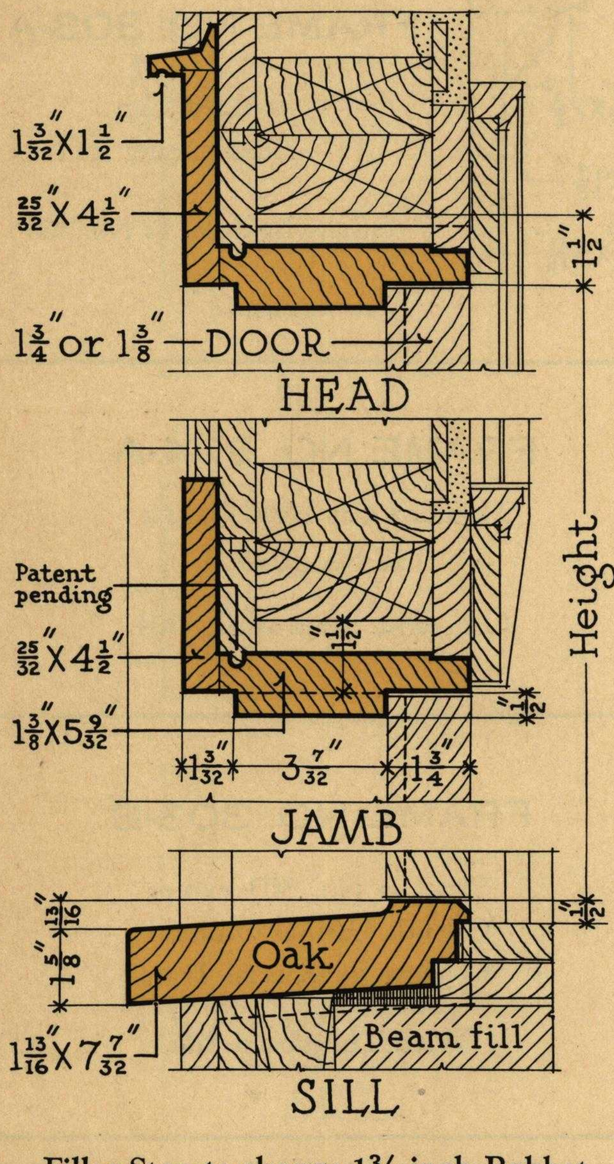
For frame sizes see pages 9 and 12

OUTSIDE DOOR FRAMES

FOR FRAME BUILDINGS

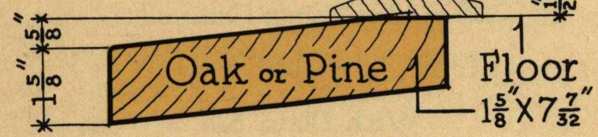
Scale—Three Inches Equal One Foot

FRAME NO. 305



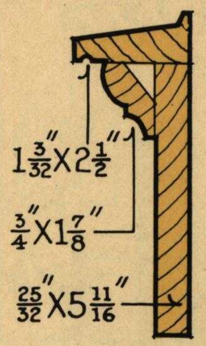
Filler Stop to change 1¾ inch Rabbet to 1⅜ inch shown on page 48.

FRAME NO. 306



Plain Sill

Otherwise Same as No. 305



FRAME NO. 305-A

Moulded Cap
Head Casing

Otherwise Same as No. 305

FRAME NO. 306-A

Moulded Cap Head Casing
like No. 305-A

Otherwise Same as No. 306

FRAME NO. 305-B

Same as No. 305 except
Outside Casings Omitted
to allow for Special Trim

FRAME NO. 306-B

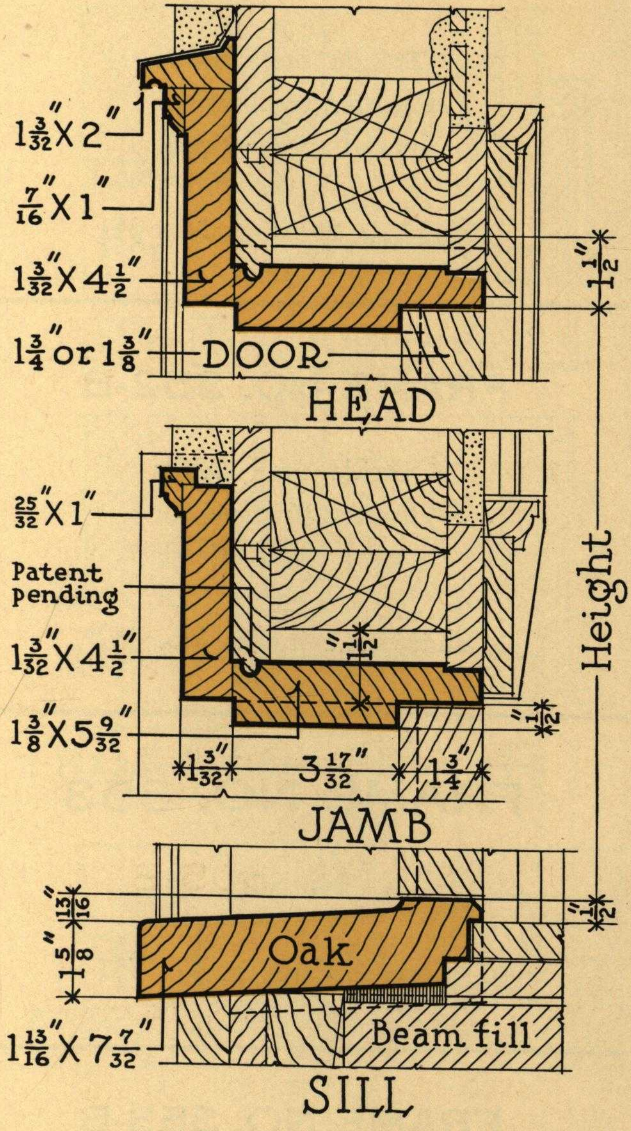
Same as No. 306 except
Outside Casings Omitted
to allow for Special Trim

For frame sizes see pages 9 and 12

OUTSIDE DOOR FRAMES
FOR STUCCO FRAME BUILDINGS

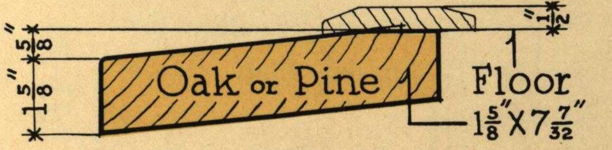
Scale—Three Inchcs Equal One Foot

FRAME NO. 321



Filler Stop to change 1¾ inch Rabbet to 1⅜ inch shown on page 48.

FRAME NO. 322



Plain Sill
Otherwise Same as No. 321

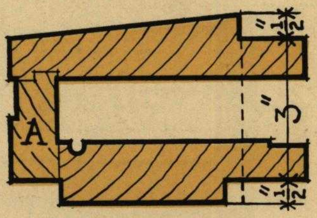
FRAME NO. 321-B

Same as No. 321 except
Outside Casings Omitted
to allow for Special Trim

FRAME NO. 322-B

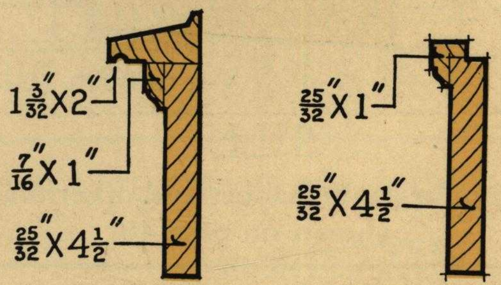
Same as No. 322 except
Outside Casings Omitted
to allow for Special Trim

TRANSOM BAR NO. 301-T



For Frames Nos. 321 and 322
Omit Trim A for Frames
Nos. 321-B and 322-B

FRAME NO. 323



⅞ Inch Outside Casings
Otherwise Same as No. 321

FRAME NO. 324

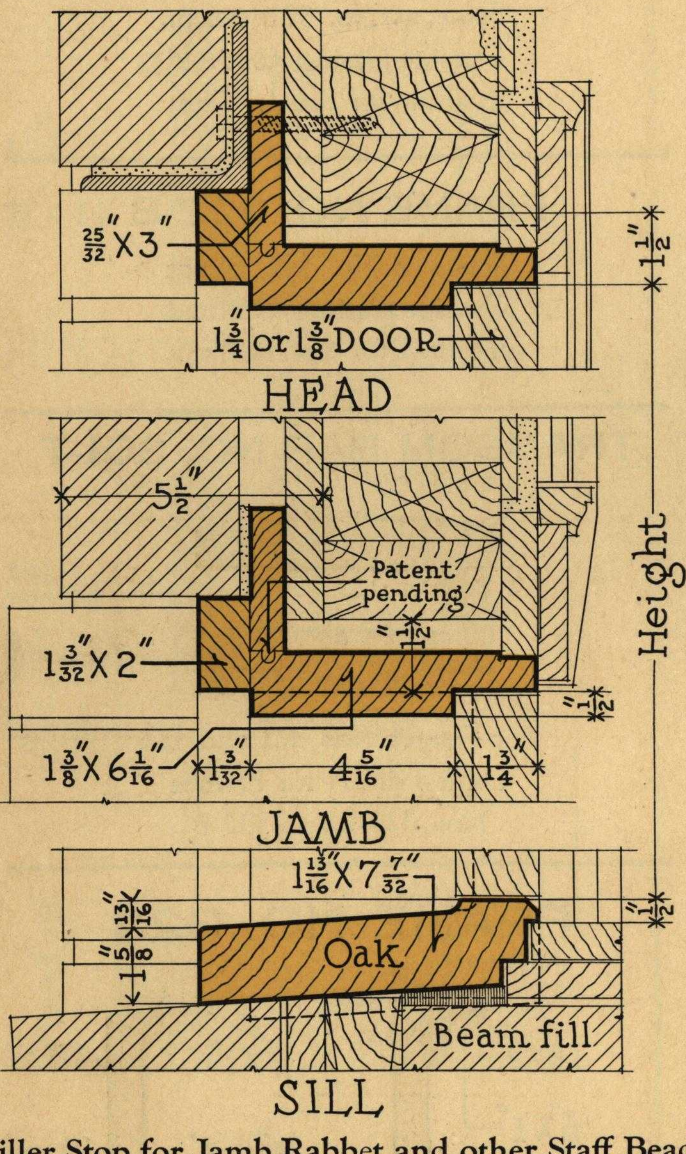
⅞ Inch Outside Casings
Otherwise Same as No. 322

For frame sizes see pages 9 and 12

OUTSIDE DOOR FRAMES
FOR BRICK VENEER BUILDINGS

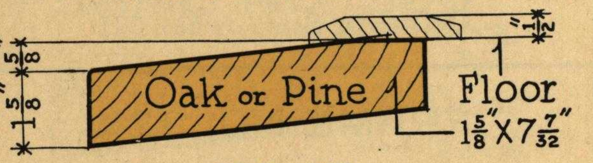
Scale—Three Inches Equal One Foot

FRAME NO. 351



Filler Stop for Jamb Rabbet and other Staff Beads shown on page 48.

FRAME NO. 352



Plain Sill
Otherwise Same as No. 351.

FRAME NO. 351-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 351

FRAME NO. 352-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 352

FRAME NO. 353

No Sill

Otherwise Same as No. 351

FRAME NO. 353-B

No Sill

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 351

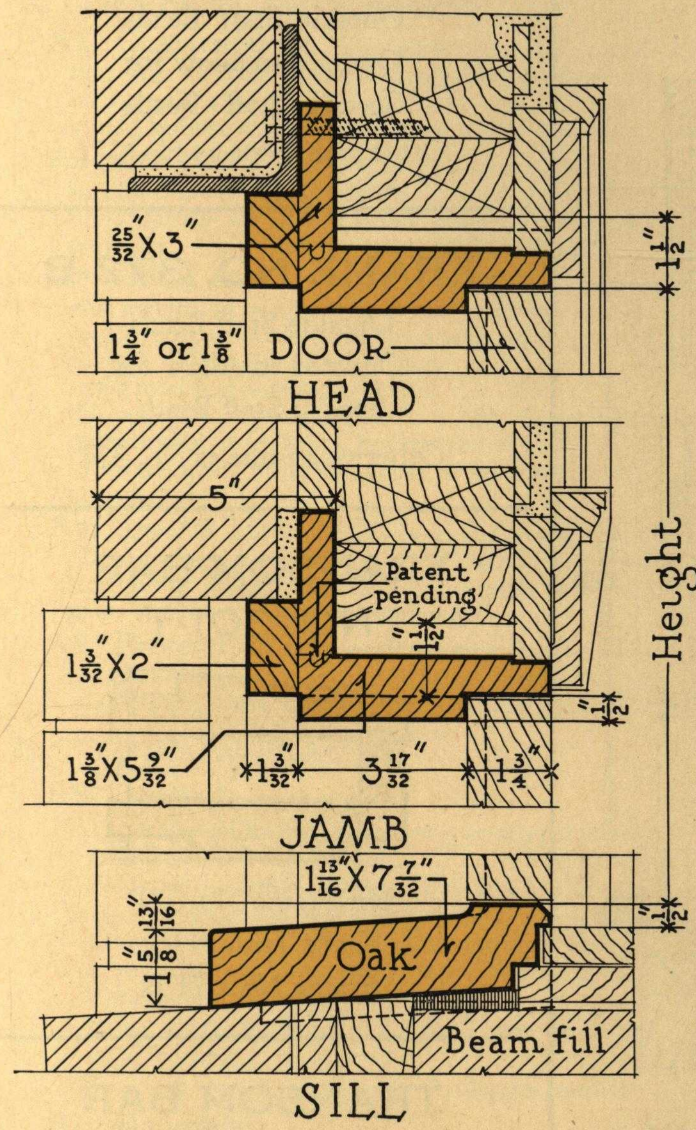
For frame sizes see pages 9 and 12

OUTSIDE DOOR FRAMES

FOR BRICK VENEER BUILDINGS

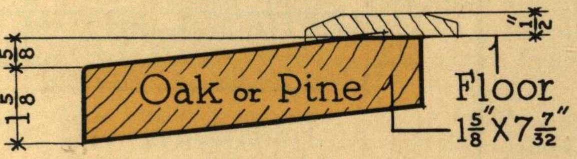
Scale—Three Inches Equal One Foot

FRAME NO. 354



Filler Stop for Jamb Rabbet and other Staff Beads shown on page 48.

FRAME NO. 355



Plain Sill
Otherwise Same as No. 354.

FRAME NO. 354-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 354

FRAME NO. 355-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 355

FRAME NO. 356

No Sill

Otherwise Same as No. 354

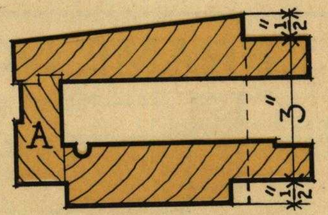
FRAME NO. 356-B

No Sill

Outside Staff Beads
Omitted to allow for
Special Staff Beads

Otherwise Same as No. 354

TRANSOM BAR NO. 301-T



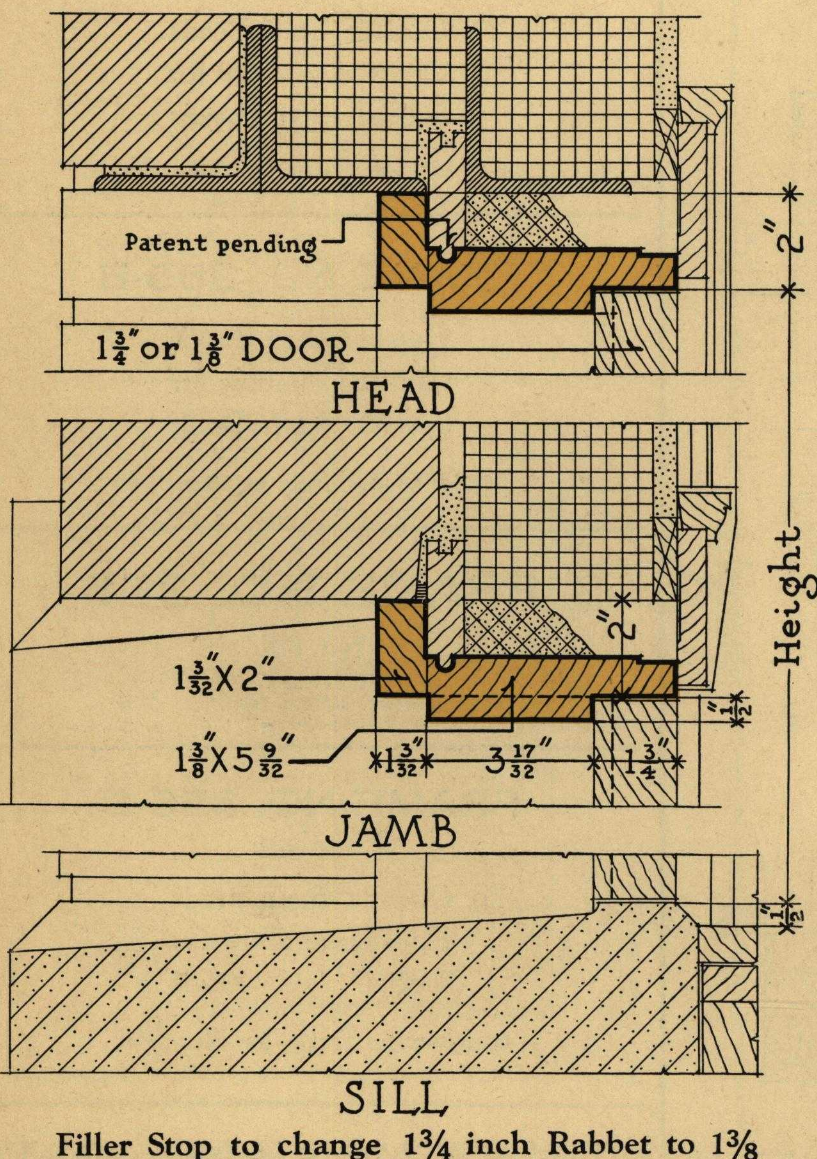
For Frames Nos. 354, 355, and 356
Omit Trim A for Frames
Nos. 354-B, 355-B and 356-B

For frame sizes see pages 9 and 12

OUTSIDE DOOR FRAMES
FOR MASONRY BUILDINGS

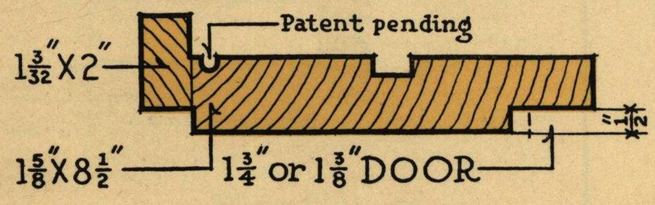
Scale—Three Inches Equal One Foot

FRAME NO. 371



Filler Stop to change 1¾ inch Rabbet to 1⅜ inch, and other Staff Beads shown on page 48

FRAME NO. 372



HEAD or JAMB

No Wood Sill

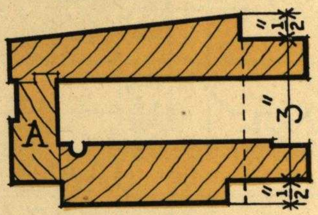
FRAME NO. 371-B

Outside Staff Beads
Omitted to allow for
Special Staff Beads
Otherwise Same as No. 371

FRAME NO. 372-B

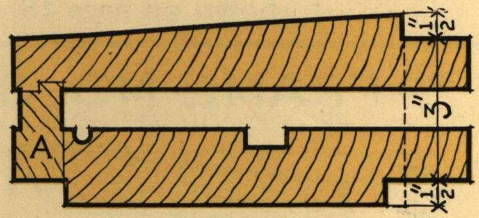
Outside Staff Beads
Omitted to Allow for
Special Staff Beads
Otherwise Same as No. 372

TRANSOM BAR NO. 301-T



For Frame No. 371
Omit Trim A for
Frame No. 371-B

TRANSOM BAR NO. 372-T



For Frame No. 372
Omit Trim A for
Frame No. 372-B

For frame sizes see pages 9 and 12

WORKING SPECIFICATIONS

FOR ARCHITECTS AND BUILDERS

A. GENERAL PROVISIONS:

A1. Construction: Construction and workmanship shall be of the highest class of machine mill work, smooth and accurate, with all joints sealed against air infiltration and water leakage.

A2. Erection: Erection of frames shall be done in accordance with Andersen Details using casing nails, neatly set in for putty where exposed for painting. (See (D) for leading and priming.)

A3. Blind and Ground Casings: Furnish and install, in accordance with Andersen details, sound, soft wood outside blind and inside ground casings. Outside blind casings shall consist of stock matched flooring of width detailed.
(Note: Where outside blind casings are specified, outside trim casings shall not be permanently nailed in place until building paper wind flashing has been installed.)

A4. Special Trim: (List here any special items of revised special details, such as outside casing or staff bead design, used in conjunction with the main standardized frame members.)

A5. Protection: Properly protect frames from injury both before and after setting. Protect in an adequate manner against moisture until primed.

B. WINDOW FRAMES:

B1. General:

B1a. All window frames, unless specially otherwise noted, shall be ANDERSEN FRAMES, made by Andersen Lumber Company, Bayport, Minnesota.

B1b. Numbers on plans and details, designating window frames ((X) including exterior casings, mouldings, etc.) are taken from the Andersen Catalog No. 300.

(Note: Omit clause (X) *if special trim is substituted in A4.)*

B1c. (List frames, if any, not Andersen made.)

B2. Materials:

B2a. (Jambs for double hung windows.) Pulley stiles, head jambs and parting beads shall be of *"Clear" Pondosa Pine* or equivalent Yellow Pine.

B2b. (For all window frames.) All exposed frame parts (not specially otherwise specified) shall be of *"Clear" Genuine White Pine* (Eastern White Pine (Pinus Strobus), Western (*Idaho*) White Pine (Pinus Monticola), Sugar Pine (Pinus Lambertiana) or equivalent Soft White Pine.)

B2c. (For box frames in masonry.) Inside casings and backs of pulley boxes shall be of sound common pine.

C. EXTERIOR DOOR FRAMES:

C1. General:

C1a. All Exterior Door Frames, unless specially otherwise noted, shall be ANDERSEN FRAMES, made by Andersen Lumber Company, Bayport, Minnesota.

C1b. Numbers on plans and details, designating exterior door frames, ((Y) including exterior casings, mouldings, etc.) are taken from the Andersen Catalog No. 300.

(Note: Omit clause (Y) *if special trim is substituted in A4.)*

C1c. (List Exterior Door Frames, if any, which are not Andersen made.)

C2. Materials:

C2a. Jambs: (Same as (B2b) for window frames.)

C2b. Sills: (Identify by number or location if both pine and oak sills are used.)

C2c. Sills shall be of *"Clear" Genuine White Pine.*

C2d. Sills shall be of *"Clear" Plain Sawed White Oak.*

D. LEADING AND PRIMING:

(Note: Andersen frames are shipped unprimed for inspection. Since it is the manufacturers' desire to assist in the greatest satisfaction in the use of his product, proper protection to the raw wood is desirable and these provisions are therefore suggested.)

D1. Leading: When assembling and erecting the several units, all joints of frames shall be carefully leaded with pure white lead paste to *seal joints permanently* from the action of moisture.

D2. Priming: Prime all frames immediately before or after delivery to the building.

D2a. Pulley stiles and head jamb of double hung windows shall be primed with pure linseed oil only.

D2b. All exposed Genuine White Pine frame parts shall be thoroughly primed with lead (or lead and zinc) and oil paint.
(Note: If ready mixed paints are used, it is suggested that the priming coat shall consist of the following: Reduce the paint as it comes from the manufacturer with one (1) quart of turpentine and one-half (½) gallon of pure linseed oil to each gallon of paint.)

D2c. Where plank cellar window, casement and exterior door frames come in contact with wet masonry, prime the backs (jambs, heads and sills) with asphalt paint.

SPECIAL CONVERSION DETAILS

ANDERSEN Standard Frames Nos. 101, 102, 103, 104, and 105 for *frame buildings* may easily be converted in the dealer's shop or on the job to *brick veneer or masonry box frames.*

The special groove (patent pending) in the back of the blind stop and jamb to receive a piece of standard four or six inch matched flooring to form a blind stop extension makes this conversion possible and practical.

The standard frame casings of Genuine White Pine may be ripped down to form staff beads or any design of standard staff beads may be substituted.

In making a masonry box frame, standard inch lumber should be used to complete the box in addition to the blind stop extension. Use fitted blocks to close the box at top and bottom to stiffen the construction. Or a 7/8 inch board laid above the head jamb may be used extended over the box to close the top and to reinforce the head jamb.

Where the demand for brick veneer or box frames is insufficient to warrant carrying a stock of them, dealers find this conversion adaptability of particular advantage. The dealer can thus carry a small stock and supply a varied demand.

The Andersen Standard Frame can also be readily adapted to varying wall thickness due to special conditions brought about by various thickness of outside sheathing, inside insulation, interior wall finish, or even stud dimensions. See plates 9 and 10.

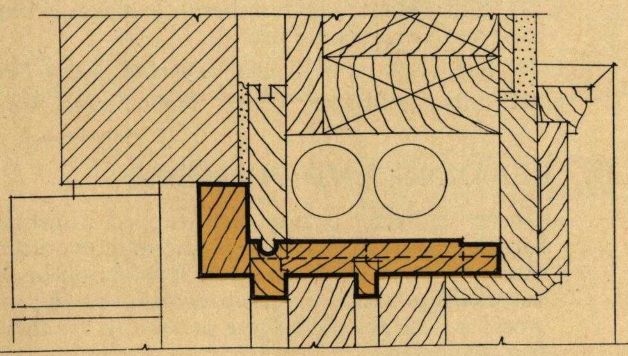


Plate No. 1. Frame No. 101 or 102 converted to a brick veneer frame with wide jamb like standard frame No. 151 with one inch space back of brick

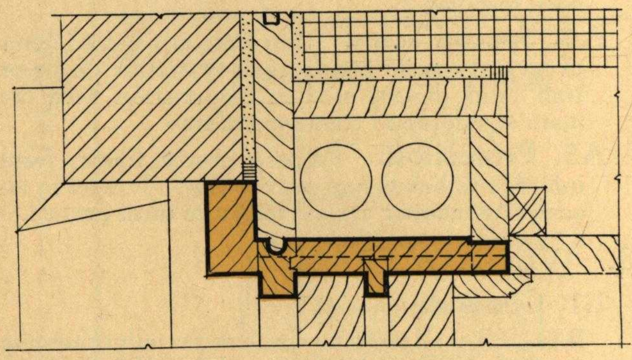


Plate No. 3. Frame No. 101 or 102 converted to a box frame for standard eight inch tile wall with suggestion for attaching jamb liner for thirteen inch wall.

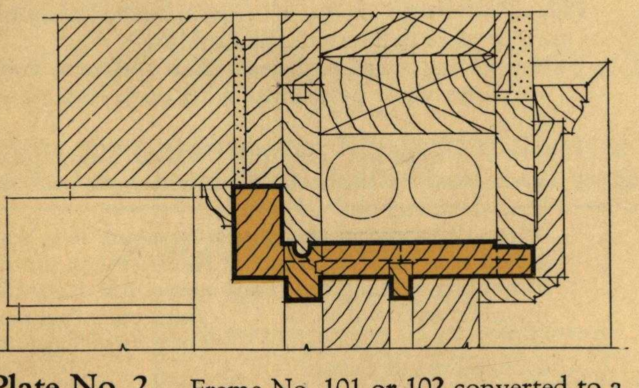


Plate No. 2. Frame No. 101 or 102 converted to a brick veneer frame like standard frame No. 154. Note suggestion for building up staff bead where one inch space is desired between brick and sheathing.

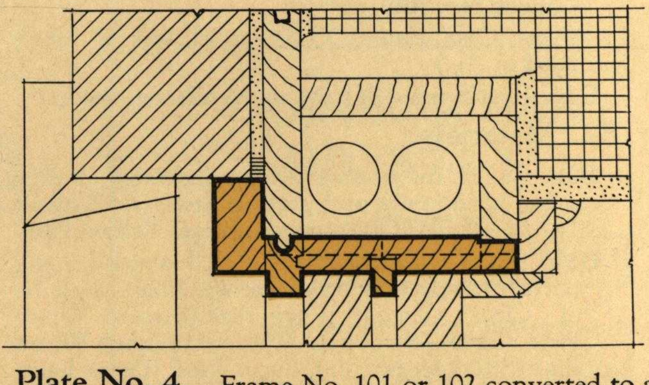


Plate No. 4. Frame No. 101 or 102 converted to a box frame with suggestion for a plastered jamb and trim for thirteen inch wall, using standard eight inch tile jamb block for interior backing.

SPECIAL CONVERSION DETAILS CONTINUED

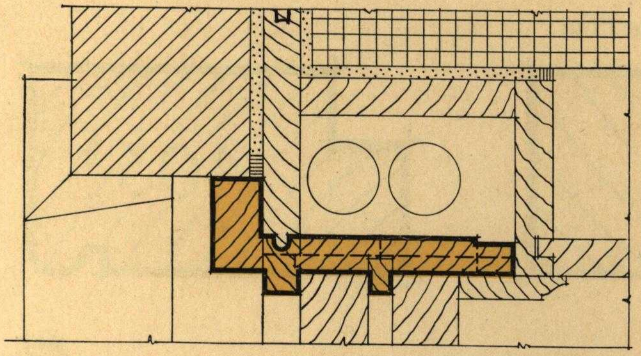


Plate No. 5. Frame No. 101 or 102 converted to a box frame for thirteen inch wall with groove to receive jamb liner. See also Frame No. 171 and Plate No. 3.

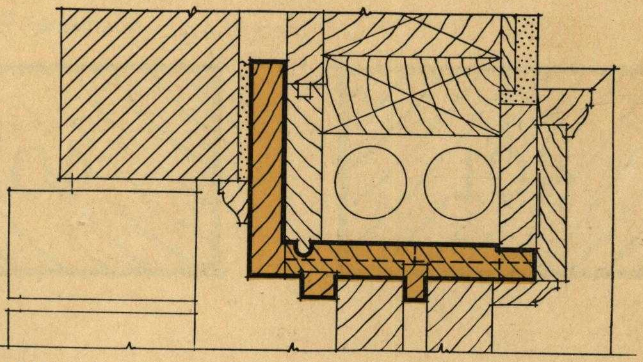


Plate No. 7. Frame No. 105 converted to a brick veneer frame. The casing may be ripped down if desired. See also Frame No. 151 and Plate No. 1.

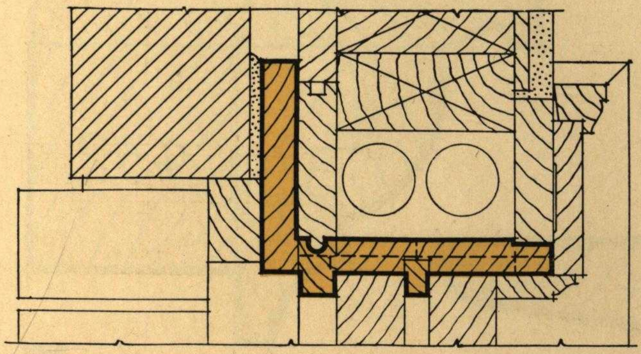


Plate No. 6. Frame No. 103 or 104 converted to a brick veneer frame with wide blind stop extension. The casing may be ripped down if desired.

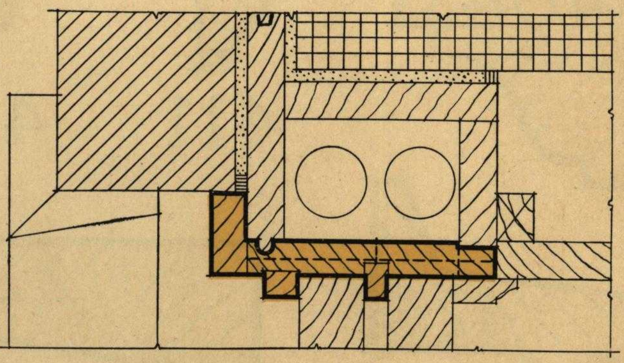


Plate No. 8. Frame No. 105 converted to a box frame. See also Plates No. 4 and No. 5. Staff bead may be built up as shown in Plate No. 2.

SPECIAL CONSTRUCTION SUGGESTIONS

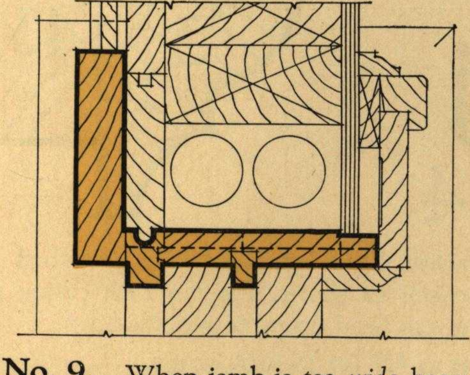


Plate No. 9. When jamb is *too wide* because outside sheathing or inside wall finish is thinner than standard, the difference may be compensated by furring placed under the inside trim.

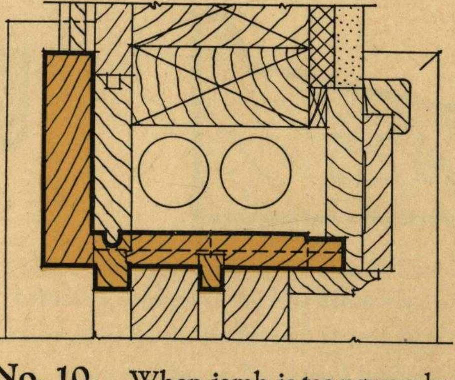
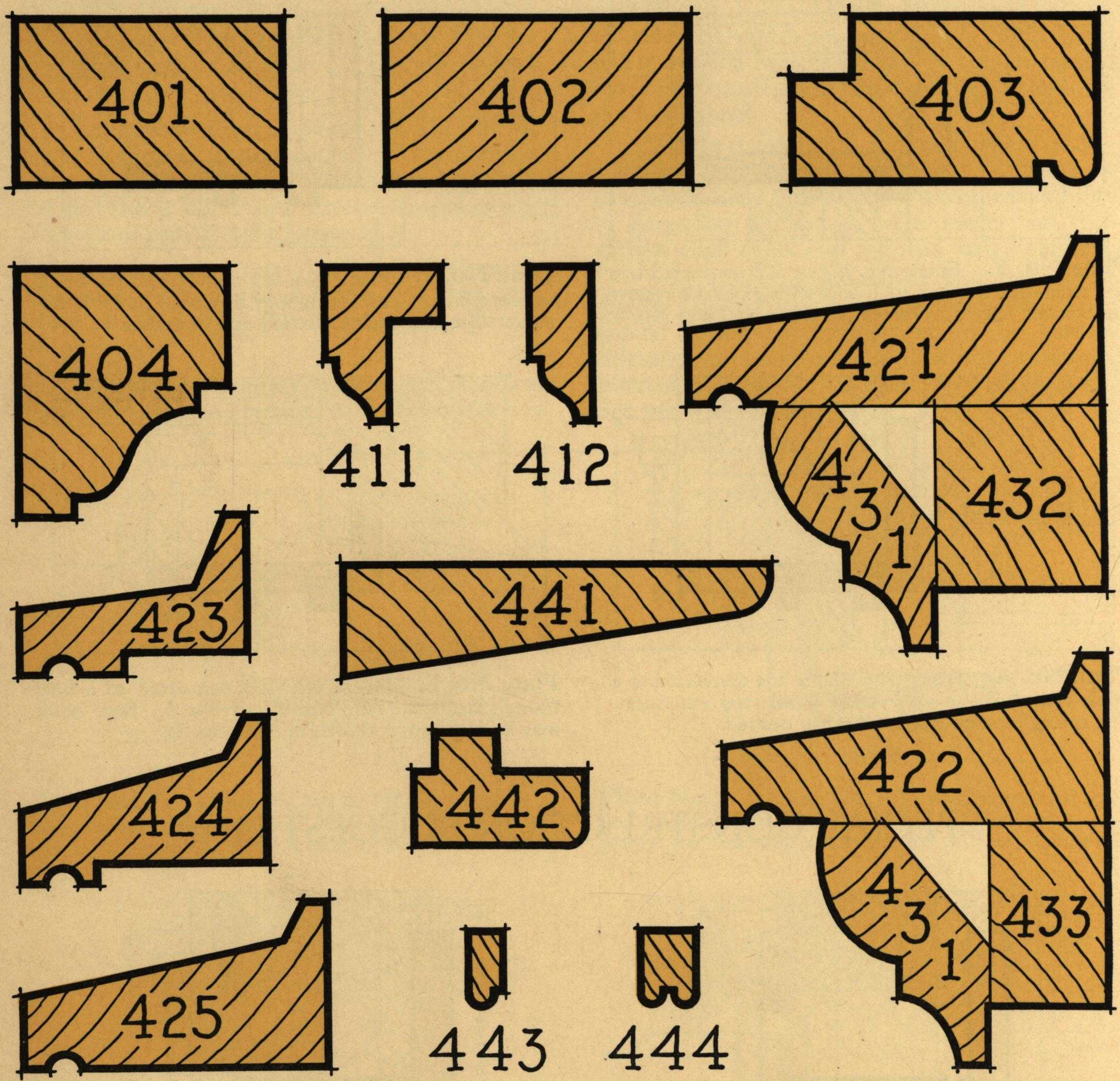


Plate No. 10. When jamb is *too narrow* because of thick inside insulation and wall finish or double sheathing, an inside rabbeted ground casing may be used as shown.

FRAME MOULDINGS

FULL SIZE DETAILS

Genuine White Pine



401 and 402—Staff Beads furnished with all brick veneer and masonry frames unless otherwise specified.

403 and 404—Staff Beads furnished on special order.

411—Stucco Moulding furnished for side casing.

412—Stucco Moulding furnished for head casing with head cap 425.

423—Plain Head Cap for ⅞ inch casing.

424—Plain Head Cap for 1⅛ inch casing.

425—Plain Head Cap for use with Stucco Moulding 412.

432—Detached Moulded Head Cap furnished assembled complete as shown for 1⅛ inch casing to change plain cap head casing to moulded cap.

433—Same as 432 for ⅞ inch casing.

441—Auxiliary sill piece for converting inswinging casement frame to outswinging.

442—Stop for casement frame head jamb.

443—Filler Stop for casement frame sash rabbet.

444—Filler Stop to change 1¾″ door jamb rabbet to 1⅜″.